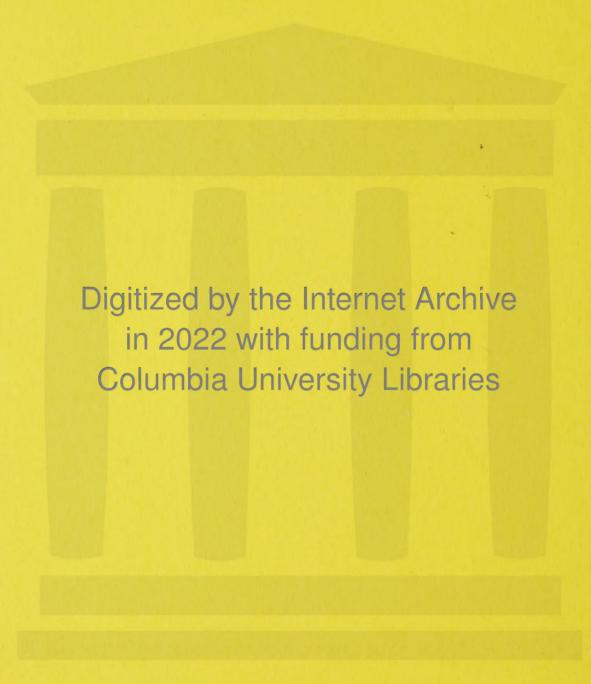


THE COLORADO FUEL AND IRON CORPORATION



https://archive.org/details/realockfence00colo

REALOCK FENCE



CATALOG NO. F-915 REV.

THE COLORADO FUEL AND IRON CORPORATION

Buffalo . Denver . Oakland



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THE STORY OF



Quality, in any steel product, is developed in a series of steps in its manufacture. Each step, from the selection of the ores to the finished product, adds some property that will contribute to your satisfaction. Steel is made for many purposes, each one requiring slightly different properties, and CF&I controls every part of its manufacture can produce a better, more uniform product because of this step-by-step control.

If you could see how carefully each step in the production of Realock Fence is controlled, you would understand why Realock Fence excels in durability and strength. The ores are carefully graded and blended, and fed into the accurately controlled heat of the blast furnace. The raw iron is drawn off, and is further purified and tested in the open hearth furnaces where the exact composition of the steel is determined... the composition that will give the best of service in Realock Fence. Then the steel is rolled in our own rolling mills and drawn into a uniform wire for weaving. As a final step, the Realock fabric is galvanized by dipping it into high-

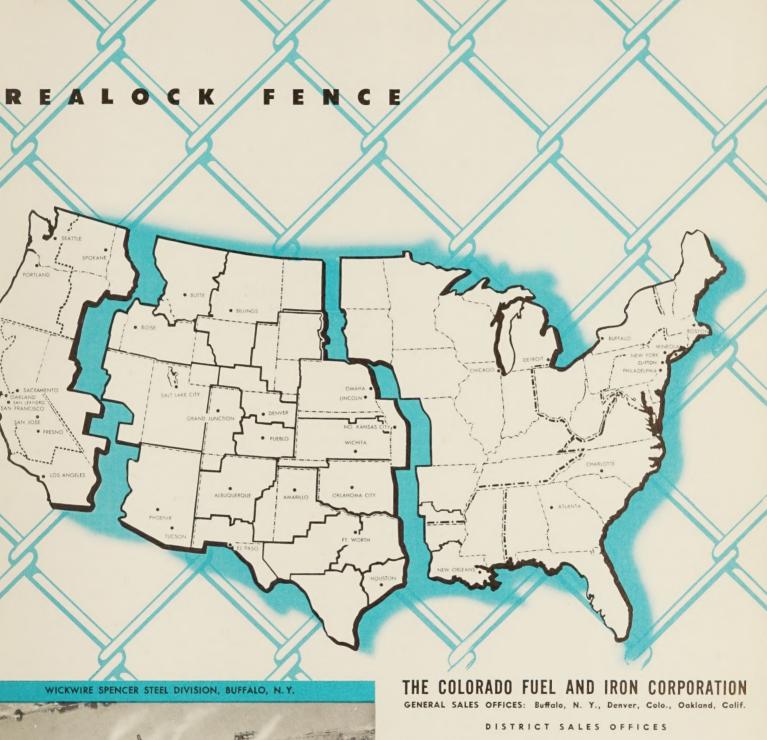
quality molten zinc, protecting the tough steel from all types of weather.

Realock Fence is a standardized product, made in three separate plants strategically located to serve America. Combined under the name of The Colorado Fuel and Iron Corporation with its plant in Pueblo, Colorado, are the Wickwire Spencer Steel Division plant in Buffalo, New York, and the Pacific Coast Division plant in Oakland, California. The combined experience, technical facilities, and service organizations of these three plants are your guarantee that Realock Fence will give you the satisfaction of permanent and positive protection.

CF&I is now in a position to furnish a complete aluminum fence including fabric, framework and fittings. However, aluminum fabric only, as well as fabric made of copper coated or stainless steel wire is available to special order.

Chain Link Fabric 1" Mesh in 9, 11 and 12 gage, made of aluminum or steel, will be produced to special order.





PACIFIC COAST DIVISION

Fresno, Calif. Los Angeles, Calif. Portland, Oregon

Sacramento, Calif. San Francisco, Calif.

San Jose, Calif.

MID-CONTINENT DIVISION

Albuquerque, N. M. Amarillo, Texas Billings, Montana Boise, Idaho Butte, Montana Denver, Colorado

El Paso, Texas Ft. Worth, Texas Grand Junction, Colo. Houston, Texas No. Kansas City, Mo. Lincoln, Nebr. Oklahoma City, Okla.

San Leandro, Calif. Seattle, Wash. Spokane, Wash.

Omaha, Nebr. Phoenix, Ariz. Pueblo, Colo. Salt Lake City, Utah Tucson, Arizona Wichita, Kansas

WICKWIRE SPENCER STEEL DIVISION

Atlanta, Ga. Boston, Mass. Buffalo, N.Y. Charlotte, N. C.

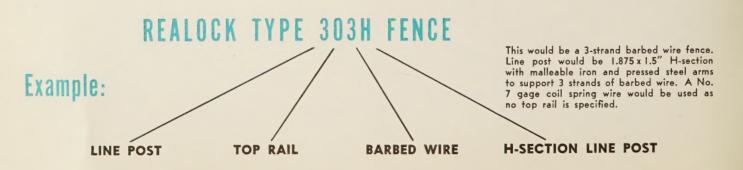
Chicago, III. Clifton, N. J. Detroit, Mich. Mineola, L. I. New Orleans, La. New York, N. Y. Philadelphia, Pa.

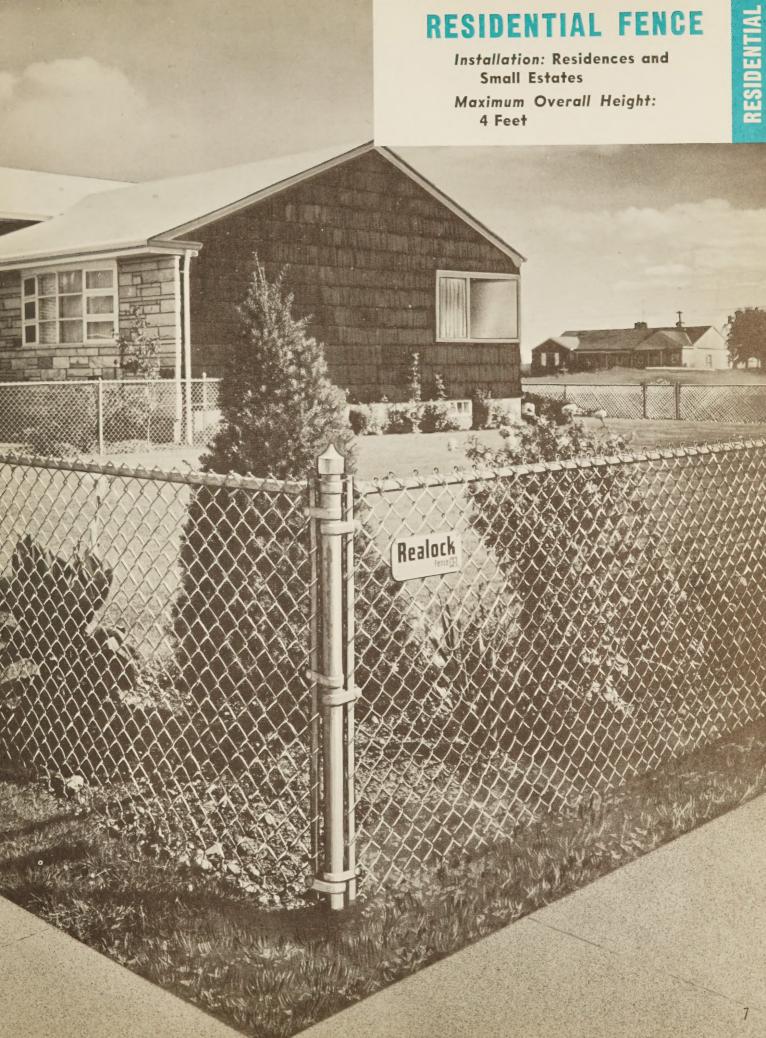
EXPLANATION OF NUMBERING SYSTEM as applied to fence types

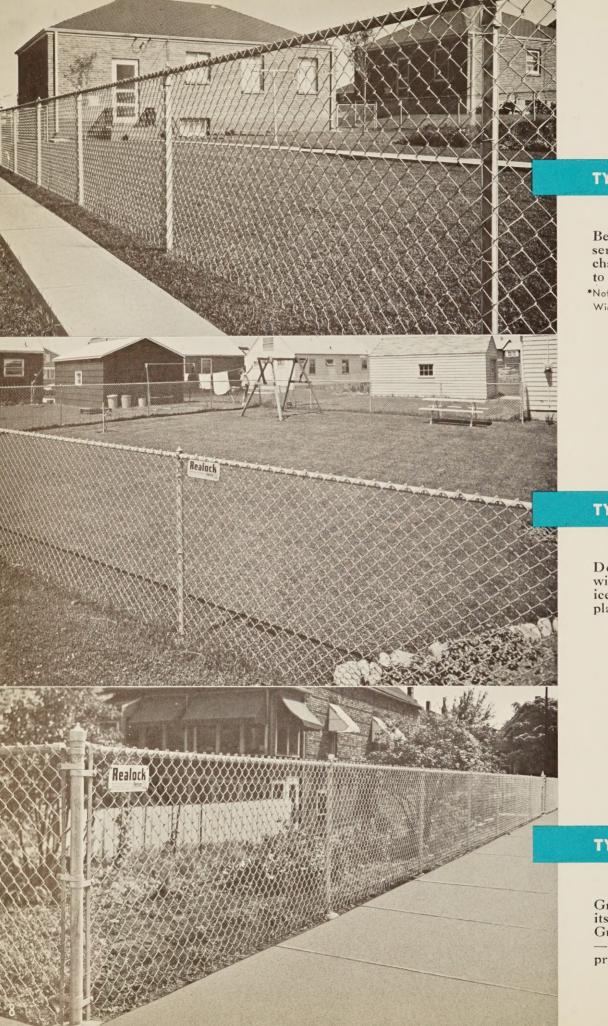
The type numbering system of Realock Fence designation makes for simplification once the system is understood. This catalog shows the recommended types of fence for most installations. However, our engineers will be happy to design other types of fence to suit your needs or you can specify by using the following system.

First digit in type number indicates the size of the line post	2	Light line post, 15%" O.D. pipe, 2.27-lb. per lineal foot.
	3	Medium line post, 2" O.D. pipe, 2.72-lb. per lineal foot.
	4	Heavy line post, 21/2" O.D. pipe, 3.65-lb. per lineal foot.
Second digit in type number indicates the size of the top rail.	0	No top rail, a No. 7 gage W&M coil spring wire is used.
	1	Light top rail — 13%" O.D. pipe, 1.68-lb. per lineal foot.
	2	Heavy top rail — 1 1 %" O.D. pipe, 2.27-lb. per lineal foot.
Third digit in type number indicates the number of strands of barbed wire.	0	No barbed wire.
	3	3 strand, barbed wire.
	5	5 strand, barbed wire.
	6	6 strand, barbed wire.
Suffix: (in some areas, H-section line posts are available)	Н	H-section line post. When line post (first digit) is medium (3), H-section is 1.875 x 1.5-in., 2.8-lb. per lineal foot. When line post is heavy (4), H-section is 2.25 x 1.95-in., 4.1-lb. per lineal foot.
	HF	Fabricated H-section line post. When used without barbed wire, may be beveled on top and punched to receive the top rail. When used with 3-strand barbed wire finish, the top of the post above the fabric is bent to support the barbed wire. The 6-strand finish can be carried on the top of the H-section post by splitting the web of the post above the fabric and bending the two halves outward.

NOTE: Fabricated line posts available only in Mid-Continent Division.







TYPE T-1*

Beauty, durability and service. Adds long-lasting charm, security and value to the smaller home.

*Not furnished by the Wickwire Spencer Steel Division.

TYPE 210

Designed and built to withstand years of service without repair or replacement.

TYPE 310

Growing families respect its dependable strength. Guards — and enhances — the medium-to-large property.

TYPE 310-H

Long-lasting value, unmatched security. Styled to the needs of playgrounds, larger estates or residences.

TYPE 310-HF**

Heavy-duty, durable construction. Rugged, combined beauty and protective design—ideal for special requirements.

**Furnished only by the Mid-Continent Division.

TYPE 320

Trouble-free protection, lasting beauty. Adaptable to varying requirements of large area homes or other properties.



REALOCK

residential | 4 ft. & lower

FABRIC

2-in. mesh, No. 11 or No. 9, gage (W&M) basic open hearth steel, hot-dip galvanized after fabrication; minimum 1.2 ounces of zinc per square foot of wire surface. One selvage twisted and barbed, the other selvage knuckled. (Recommended practice is to use knuckled selvage at top.)

LINE POSTS

T-section, 1.5-lb. per lineal ft.* or 15%-in. O.D. pipe, 2.27-lb. per lineal ft. or 15%-in. I-section, 2.3-lb. per lineal ft.** or 2-in. O.D. pipe, 2.72-lb. per lineal ft. or H-section 1.875 x 1.5-in., 2.8-lb. per lineal ft. All line posts standard structural weight, H-sections minimum carbon content, 35.

TOP RAIL

13/8-in. O.D. pipe, 1.68-lb. per lineal ft. or 15/8-in. O.D. pipe, 2.27-lb. per lineal ft. When top rail is omitted, a No. 7 gage (W&M) coil spring wire is substituted. All top rails standard structural weight.

END. CORNER & GATE POSTS

2-in, O.D. pipe, 2.72-lb. per lineal ft. or 21/2-in. O.D. pipe, 3.65-lb. per lineal ft. All end, corner and gate posts standard structural weight.

TIES

Aluminum and/or galvanized steel wire. For line posts, furnish one tie to every foot of fabric height. For rail and braces, furnish approximately 24-in, apart.

POST SPACING & SETTING

Line posts spaced not over 10 ft. apart, set 24-in. deep into concrete base. All terminal posts set 30-in. deep into concrete base. All footings to be properly domed to shed water.

FITTINGS

All posts furnished with tops and required fittings for attaching fabric and rail; also braces where necessary. Fittings to be of malleable iron, pressed steel, and/or aluminum.

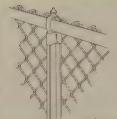
GALVANIZING

All materials except aluminum to be heavily galvanized by the hot-dip process. (See also Fabric)

EXPLANATION OF TYPE

1st digit indicates size of line post.

2nd digit indicates size of top rail.



LINE POSTS AND TOP RAIL

TYPE T-1*

Line Posts

T-section, 1.5-lb. per lineal ft.

Top Rail

13/8-in. O.D. pipe, 1.68-lb. per lineal ft. Without top rail, specify Type T-0.



TYPE 210

Line Posts

15%-in. O.D. pipe, 2.27-lb. per lineal ft. Top Rail

13/8-in. O.D. pipe, 1.68-lb. per lineal ft. Without top rail, specify Type 200.

TYPE 210H**

Line Post

15/8-in. 1-section, 2.3-lb. per lineal ft.

Top Rail

13/8-in. O.D. pipe, 1.68-lb. per lineal ft.



TYPE 310

Line Posts

2-in. O.D. pipe, 2.72-lb. per lineal ft.

Top Rail

13/8-in. O.D. pipe, 1.68-lb. per lineal ft. Without top rail, specify Type 300.



TYPE 310-H

Line Posts

1.875 x 1.5-in, H-section, 2.8-lb. per lineal ft.

Top Rail

13/8-in. O.D. pipe, 1.68-lb. per lineal ft. Without top rail, specify Type 300-H.



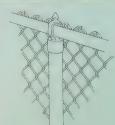
TYPE 310-HF***

Line Posts

1.875 x 1.5-in. H-section, 2.8-lb. per lineal foot beveled and punched to receive top rail.

Top Rail

13/8-in. O.D. pipe, 1.68-lb. per lineal ft. Without top rail, specify Type 300-HF.



TYPE 320

Line Posts

2-in. O.D. pipe, 2.72-lb. per lineal ft.

op Rail

15/8-in. O.D. pipe, 2.27-lb. per lineal ft. Without top rail, specify Type 300.

*Not furnished by the Wickwire Spencer Steel Division.

**Furnished only by the Wickwire Spencer Steel Division.

***Furnished only by the Mid-Continent Division.

NUMBERING SYSTEM

3rd digit indicates strands of barbed wire.

suffix indicates H-section or fabricated H-section.

END, CORNER AND GATE POSTS



TYPE T-1*

2-in. O.D. pipe, 2.72-lb. per lineal ft.

TYPE 210

2-in. O.D. pipe, 2.72-lb. per lineal ft.

TYPE 310

21/2-in. O.D. pipe, 3.65-lb. per lineal ft.



TYPE 310-H

21/2-in. O.D. pipe, 3.65-lb. per lineal ft.



TYPE 310-HF***

21/2-in. O.D. pipe, 3.65-lb. per lineal ft.



TYPE 320

21/2-in. O.D. pipe, 3.65-lb. per lineal ft.



GATES

(See also Page 48)

TYPE T-1* and 210

11/8-in. O.D. pipe frame, 1.13-lb. per lineal ft. Covered with fabric to match fence and furnished with suitable hinges and locking devices.

TYPE 310

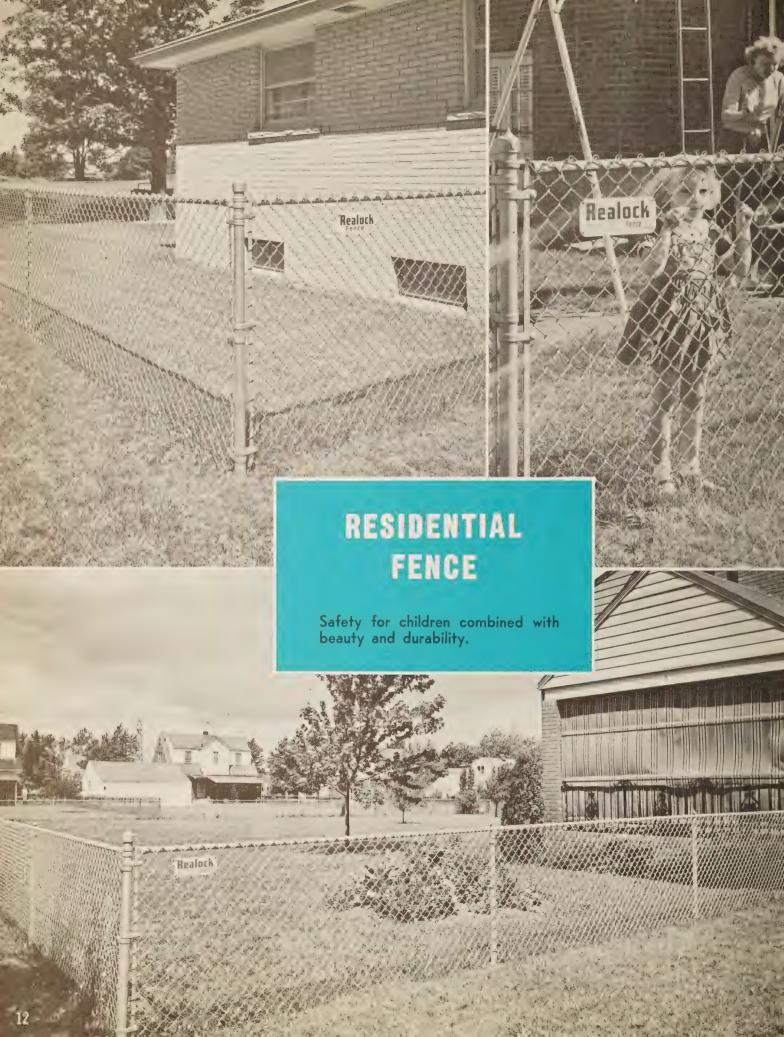
13/8-in. O.D. pipe frame, 1.68-lb. per lineal ft. Covered with fabric to match fence and furnished with suitable hinges and locking devices.

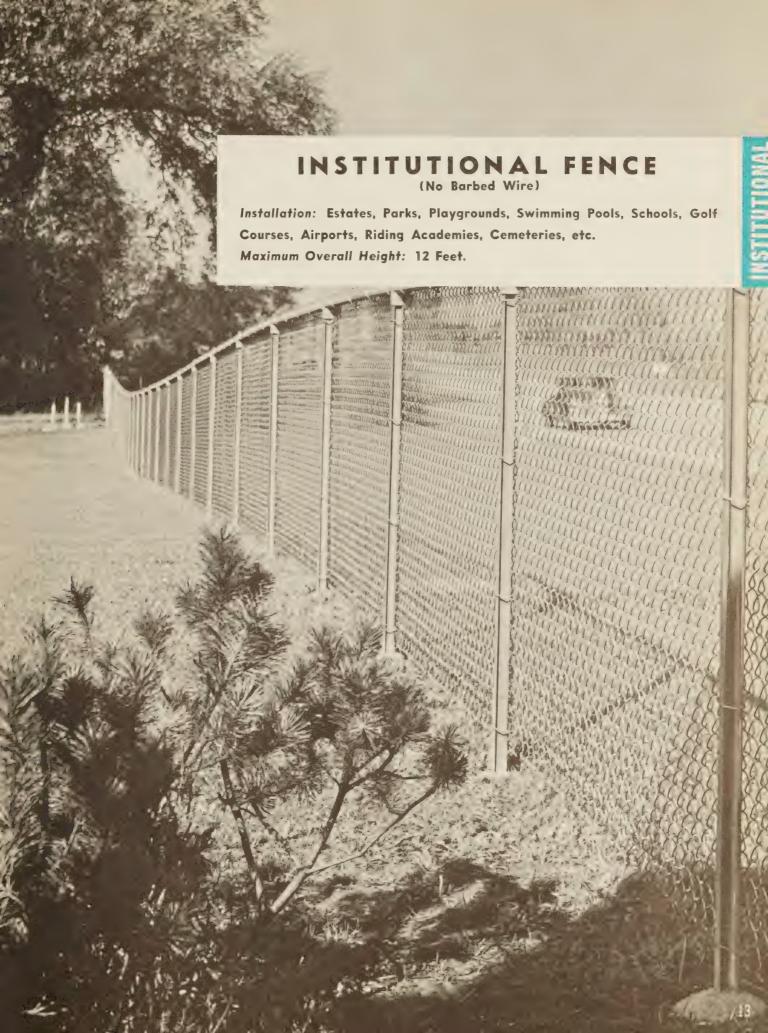
TYPE 310-H and 310-HF***

13/8-in. O.D. pipe frame, 1.68-lb. per lineal ft. Covered with fabric to match fence and furnished with suitable hinges and locking devices.

TYPE 320

15/8-in. O.D. pipe frame, 2.27-lb. per lineal ft. Covered with fabric to match fence and furnished with suitable hinges and locking devices.







TYPE 320

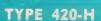
Cleanly defined school area, strategically placed for effective protection of grounds with added eye appeal.

TYPE 320-H

A deterrent to temptation that will endure and serve well for years to come, while adding materially to property value.

TYPE 420

A property boundary that complements building and grounds without unsightly interruption of view. Installed for years of durable service without maintenance.



Even a parking lot assumes an attractive appearance. Valuable property is secure. Property boundaries are defined—and respected.



Types without Barbed Wire are sometimes appropriate for Industrial Property. May be used as separate enclosures for the protection of carefully maintained grounds. These types not only enhance the beauty of the grounds but stop unnecessary pedestrian traffic.

Heights greater than 12 feet will be furnished to special order.

TYPE 420-HF*

An aid to effective traffic control and safety. A barrier whose strength is respected and whose styling adds to the beauty of a modern highway system.

*Furnished only in Mid-Continent Division.



REALOCK

institutional | no barbed wire

UP TO AND INCLUDING 12 FT. HIGH

FABRIC

2-in. mesh, No. 9 or No. 6 gage (W&M), basic open hearth steel hot-dip galvanized after fabrication: minimum 1.2 ounces of zinc per square foot of wire surface. Standard finish, twisted and barbed selvage top and bottom.

LINE POSTS

Light — up to and including 6-ft. high. 2-in. O.D. pipe, 2.72-lb. per lineal ft. or 1.875 x 1.5-in. H-section, 2.8-lb: per lineal ft.

Heavy — up to and including 12-ft. high. $2^{1}/_{2}$ -in. O.D. pipe, 3.65-lb. per lineal ft. or 2.25 x 1.95-in. H-section, 4.10-lb. per lineal ft.

All line posts standard structural weight, H-section minimum carbon content, .35.

TOP RAIL

15%-in. O.D. pipe, 2.27-lb. per lineal ft. When top rail is omitted, a No. 7 gage (W&M) coil spring wire is substituted. All top rails standard structural weight.

END AND CORNER POSTS

Light — $2\frac{1}{2}$ -in. O.D. pipe, 3.65-lb. per lineal ft. Heavy — 3-in. O.D. pipe, 5.79-lb. per lineal ft. or 3-in. I-section, 6.5-lb. per lineal ft.*

All end and corner posts standard structural weight. I-section minimum carbon content, .35.

GATE POSTS (See opposite page)

TIES

Aluminum and/or galvanized steel wire. For line posts, furnish one tie to every foot of fabric height. For rail and braces, furnish approximately 24-in. apart.

POST SPACING AND SETTING

Line posts spaced not over 10-ft. apart, set 36-in. deep into concrete base. All terminal posts set 36-in. deep into concrete base. All footings to be properly domed to shed water. Gate Posts of 6%-in. O.D. and 8%-in. O.D. pipe set 42-in. deep into concrete base.

FITTINGS

All posts furnished with tops and required fittings for attaching fabric and rail; also braces where necessary. Fittings to be of malleable iron, pressed steel, and/or aluminum.

Note: Where H-section line posts are used, top fitting may be an integral part of post.**

BRACING

All terminal posts furnished with horizontal braces where required. Braces of $1\frac{1}{2}$ -in, O.D. pipe, 2.27-lb. per lineal ft. Each brace diagonally trussed with a $\frac{3}{2}$ -in, round rod and truss tightener and fittings. Diagonal truss not furnished in lines with less than 2 line posts.

GALVANIZING

All materials except aluminum to be heavily galvanized by the hot-dip process. (See also Fabric)

EXPLANATION OF TYPE

1st digit indicates size of line post.

2nd digit indicates size of top rail.



LINE POSTS AND TOP RAIL TYPE 320

Line Posts

2-in. O.D. pipe, 2.72-lb. per lineal ft.

Top Rail

15/8-in. O.D. pipe, 2.27-lb. per lineal ft. Without top rail, specify Type 300.



TYPE 320-H

Line Posts

1.875 x 1.5-in. H-section, 2.8-lb. per lineal ft.

Top Rail

15/8-in. O.D. pipe, 2.27-lb. per lineal ft. Without top rail, specify Type 300-H.



TYPE 420

Line Posts

21/2-in. O.D. pipe, 3.65-lb. per lineal ft.

Top Rail

15%-in. O.D. pipe, 2.27-lb. per lineal ft. Without top rail, specify Type 400.



TYPE 420-H

Line Posts

2.25 x 1.95-in. H-section, 4.10-lb. per lineal ft.

Top Rail

 $1\frac{5}{8}$ -in. O.D. pipe, 2.27-lb. per lineal ft. Without top rail, specify Type 400 H.



TYPE 420 HF**

Line Posts

2.25 x 1.95-in. H-section, 4.10-lb. per lineal ft. punched and beveled to receive top rail.

op Rail

15%-in. O.D. pipe, 2.27-lb. per lineal ft. Without top rail, specify Type 400 HF.

^{*}Furnished only by the Wickwire Spencer Steel Division.
**Furnished only by Mid-Continent Division.

3rd digit indicates strands of barbed wire.

suffix indicates H-section or fabricated H-section.



END AND CORNER POSTS

TYPE 320

21/2-in. O.D. pipe, 3.65-lb. per lineal ft.



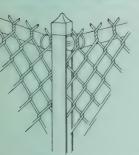
TYPE 320-H

 $2\frac{1}{2}$ -in. O.D. pipe, 3.65-lb. per lineal ft.



TYPE 420

3-in. O.D. pipe, 5.79-lb. per lineal ft.



TYPE 420 H

3-in. O.D. pipe, 5.79-lb. per lineal ft. (See Type 420 above) 3-in. I-section, 6.5-lb. per lineal ft.*



TYPE 420 HF**

3-in. O.D. pipe, 5.79-lb. per lineal ft.



(See also Page 48)

TYPE 320 and 320-H

Frame

15/8-in. O.D. pipe, 2.27-lb. per lineal ft.

All joints welded and braced wherever necessary, covered with fabric to match fence and furnished with suitable hinges and locking devices.

Posts

 $2\frac{1}{2}$ -in. O.D. pipe, 3.65-lb. per lineal ft.:

All single gates up to and including 4-ft. opening. All double gates up to and including 8-ft, opening.

3-in. O.D. pipe, 5.79-lb. per lineal ft.:

All single gates over 4-ft. to and including 8-ft. opening. All double gates over 8-ft. to and including 16-ft. opening.

4-in. O.D. pipe, 9.1-lb. per lineal ft.:

All single gates over 8-ft, to and including 12-ft. open-

ing. All double gates over 16-ft. to and including 24-ft. opening.

TYPE 420, 420-H, and 420-HF**

Frame

2-in. O.D. pipe, 2.72-lb. per lineal ft.

2-in. square tubing, 2.8-lb. per lineal ft.*

All joints welded and braced wherever necessary, covered with fabric to match fence and furnished with suitable hinges and locking devices.

Posts

3-in. O.D. pipe, 5.79-lb. per lineal foot, or 3-in.* 1-section, 6.5-lb. per lineal ft.:

All singles up to and including 6-ft. opening.

All doubles up to and including 12-ft, opening.

4-in. O.D. pipe, 9.1-lb. per lineal foot, or 4-in.* H-sections, 14-lb. per lineal ft.:

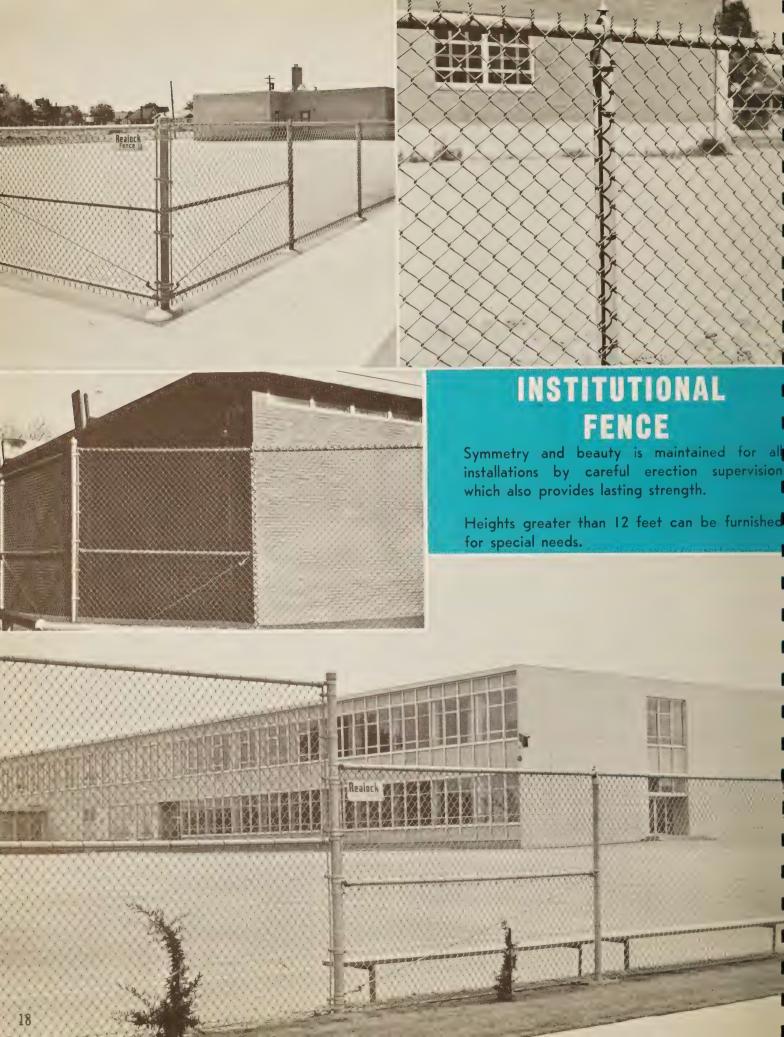
All singles over 6-ft., to-and including 13-ft. opening. All doubles over 12-ft, to and including 26-ft, opening.

65/8-in. O.D. pipe, 18.97-lb. per lineal ft.:

All singles over 13-ft, to and including 18-ft, opening. All doubles over 26-ft, to and including 36-ft, opening.

85/8-in. O.D. pipe, 24.7-lb. per lineal ft.: Singles over 18-ft. opening.

Doubles over 36-ft, opening,



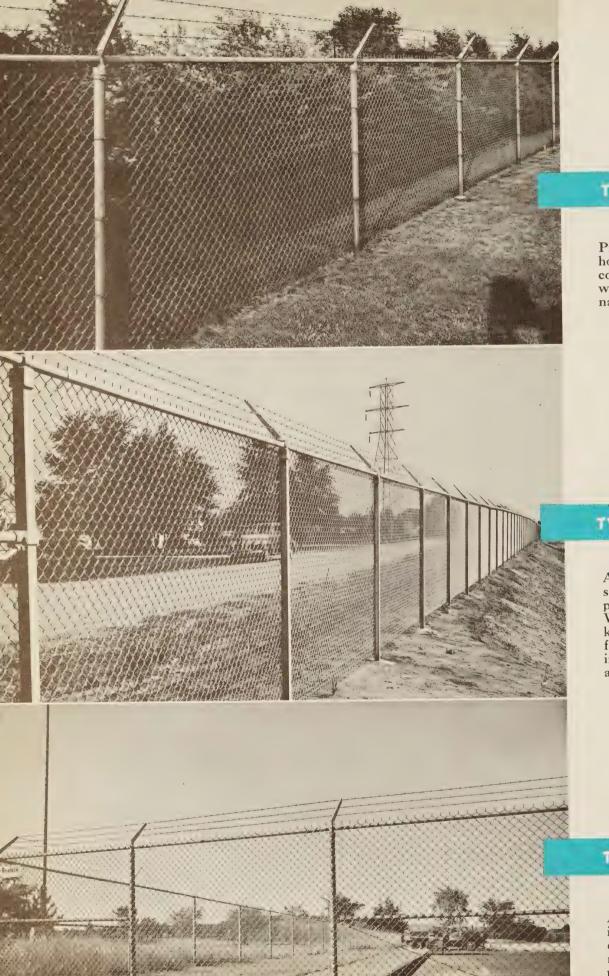


REALOCK 3-STRAND BARBED WIRE FENCE

Installation: Industrial Plants, Power Plants, Reservoirs, Institutions, Water and Sewage Works, etc.

Maximum Overall Height: 13 Feet.

Realock



TYPE 323

Property is safe every hour, every day without costly surveillance and with minimum maintenance.

TYPE 323-H

A silent sentinel that saves lives, designed to protect from injuries. With installations of this kind costs are soon paid for in low upkeep, savings from property damage or theft.

TYPE 423

An enclosure that does its job well—24 hours a day, requiring a minimum of man hours, yet providing maximum safety and protection.

TYPE 423pH

A guard against hazard. Here is a barrier that speaks for itself in terms of safety and respect for the property within.

It is often necessary to provide additional protection for some Institutional installations. Barbed Wire Tops with 3, 5 or 6-strands may be appropriate, depending upon the amount of protection expected.

Heights greater than 13 feet can be furnished for special needs.

Realock

TYPE 423-HF*

Three-strand premium protection. Made-to-order security for warehouse, storage yard or other facilities where 24-hour vigil without costly manpower is required.

*Furnished only by Mid-Continent Division



REALOCK

3 strand barbed wire

up to and including 13 ft. high

FABRIC

2-in. mesh, No. 9 or No. 6 gage (W&M), basic open hearth steel, hot-dip galvanized after fabrication: minimum 1.2 ounces of zinc per square foot of wire surface. Standard finish, twisted and barbed selvage top and bottom.

LINE POSTS

Light — up to and including 7 ft. high overall. 2-in. O.D. pipe, 2.72-lb. per lineal ft. or 1.875 x 1.5-in. H-section, 2.8-lb. per lineal ft.

Heavy—up to and including 13 ft. high overall. 2½-in. O.D. pipe, 3.65-lb. per lineal ft. or 2.25 x 1.95-in. H-section, 4.10-lb. per lineal ft.

All line posts standard structural weight, H-section minimum carbon content, .35.

TOP RAIL

15/8-in. O.D. pipe, 2.27-lb. per lineal ft. When top rail is omitted, a No. 7 gage (W&M) coil spring wire is substituted. All top rails standard structural weight.

END AND CORNER POSTS

Light — up to and including 7 ft. high overall. $2^{1}/_{2}$ -in. O.D. pipe, 3.65-lb. per lineal ft.

Heavy — up to and including 13 ft. high overall. 3-in. O.D. pipe, 5.79-lb. per lineal ft. or 3-in. 1-section, 6.5-lb. per lineal ft.*

All end and corner posts standard structural weight. I-section minimum carbon content, .35.

GATE POSTS (See opposite page)

TIES

Aluminum and/or galvanized steel wire. For line posts, furnish one tie to every foot of fabric height. For rail and braces furnish approximately 24-in. apart.

POST SPACING AND SETTING

Line posts spaced not over 10 ft. apart, set 36-in. deep into concrete base. Terminal posts set 36-in. deep into concrete base. Gate posts of $6\frac{5}{8}$ -in. O.D. and $8\frac{5}{8}$ -in. O.D. pipe, set 42-in. deep into concrete base. All footings properly domed to shed water.

FITTINGS

All posts furnished with tops and required fittings for attaching fabric and rail; also braces where necessary. Fittings to be of malleable iron, pressed steel, and/or aluminum. Extension arms for barbed wire are heavy galvanized malleable iron tops with pressed steel arms, can be at angle of 45°, or vertical. Note: Where H-section line posts are used, arms may be fabricated as an integral part of post.**

BRACING

All terminal posts furnished with horizontal braces where required. Braces of 15%-in. O.D. pipe, 2.27-lb. per lineal ft. Each brace diagonally trussed, with 3%-in. round rod and truss tightener and fittings. Diagonal truss not furnished in lines with less than 2 line posts.

BARBED WIRE

Three strands of barbed wire running entire length of fence above fabric and gates. Composed of two strands of 121/2 gage wire, with 4-point barbs, spaced approximately 4-in. apart.

GALVANIZING

All materials except aluminum to be heavily galvanized by the hot-dip process. (See also Fabric)

EXPLANATION OF TYPE

1st digit indicates size of line post.

2nd digit indicates size of top rail.



LINE POSTS AND TOP RAIL

TYPE 323

Line Posts

2-in. O.D. pipe, 2.72-lb. per lineal ft.

Top Rail

15%-in. O.D. pipe, 2.27-lb. per lineal ft. Without top rail, specify Type 303.



TYPE 323-H

Line Posts

1.875 x 1.5-in. H-section, 2.8-lb. per lineal ft.

Top Rail

15/8-in. O.D. pipe, 2.27-lb. per lineal ft. Without top rail, specify Type 303-H.



TYPE 423

Line Posts

21/2-in. O.D. pipe, 3.65-lb. per lineal ft.

Top Rail

15/8-in. O.D. pipe, 2.27-lb. per lineal ft. Without top rail, specify Type 403.



TYPE 423-H

Line Posts

2.25 x 1.95-in. H-section, 4.10-lb. per lineal ft.

Top Rail

15/8-in. O.D. pipe, 2.27-lb. per lineal ft. Without top rail, specify Type 403-H.



TYPE 423-HF**

Line Posts

2.25 x 1.95-in. H-section, 4.10-lb. per lineal ft. Bent to form arm carrying barbed wire and punched to carry to top rail.

Top Rail

15%-in. O.D. pipe, 2.27-lb. per lineal ft. Without top rail, specify Type 403-HF.

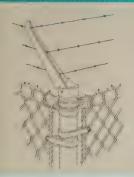
*Furnished only by Wickwire Spencer Steel Division.

**Furnished only in Mid-Continent Division.

NUMBERING SYSTEM

3rd digit indicates strands of barbed wire.

suffix indicates H-section or fabricated H-section.



END AND CORNER POSTS

TYPE 323

21/2-in. O.D. pipe, 3.65-lb. per lineal ft.



TYPE 323-H

21/2-in. O.D. pipe, 3.65-lb. per lineal ft.



TYPE 423

3-in. O.D. pipe, 5.79-lb. per lineal ft.



TYPE 423-H

3-in. O.D. pipe, 5.79-lb. per lineal ft. (See Type 423 above)

3-in. I-section, 6.5-lb. per lineal ft.*



TYPE 423-HF**

3-in. O.D. pipe, 5.79-lb. per lineal ft.



(See also Page 50)

TYPE 323 and 323-H

Frame

15/8-in. O.D. pipe frame, 2.27-lb. per lineal ft. All joints welded; braced wherever necessary, covered with fabric to match fence and furnished with suitable hinges and locking devices.

Posts

21/2-in. O.D. pipe, 3.65-lb. per lineal ft.:

All single gates up to and including 4-ft. opening.

All double gates up to and including 8-ft. opening.

3-in. O.D. pipe, 5.79-lb. per lineal ft.:

All single gates over 4-ft, to and including 8-ft, opening. All double gates over 8-ft, to and including 16-ft. opening.

4-in. O.D. pipe, 9.1-lb. per lineal ft.:

All single gates over 8-ft. to and including 12-ft. open-

ing. All double gates over 16-ft, to and including 24-ft. opening.

TYPE 423, 423-H, and 423-HF**

Frame

2-in. O.D. pipe frame, 2.72-lb. per lineal ft., or 2-in.* square

tubing, 2.8-lb. per lineal ft.

All joints welded and braced wherever necessary; covered with fabric to match fence and furnished with suitable hinges and locking devices.

Posts

3-in. O.D. pipe, 5.79-lb. per lineal ft., or 3-in.* I-section, 6.5-lb. per lineal ft.: All singles up to and including 6-ft. opening.

All doubles up to and including 12-ft, opening.

4-in. O.D. pipe, 9.1-lb. per lineal ft., or 4-in.* H-sections 14-lb. per lineal ft.:

All singles over 6-ft., to and including 13-ft. opening. All doubles over 12-ft., to and including 26-ft. opening.

65/8-in. O.D. pipe, 18.97-lb. per lineal ft.

All singles over 13-ft., to and including 18-ft. opening. All doubles over 26-ft., to and including 36-ft. opening.

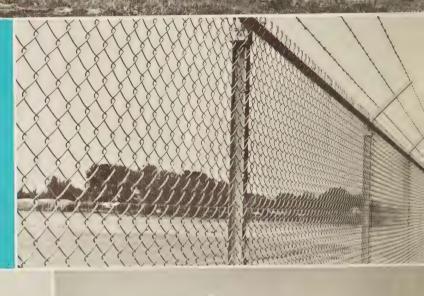
85/8-in. O.D. pipe, 24.7-lb. per lineal ft.:

Singles over 18-ft. opening. Doubles over 36-ft, opening.

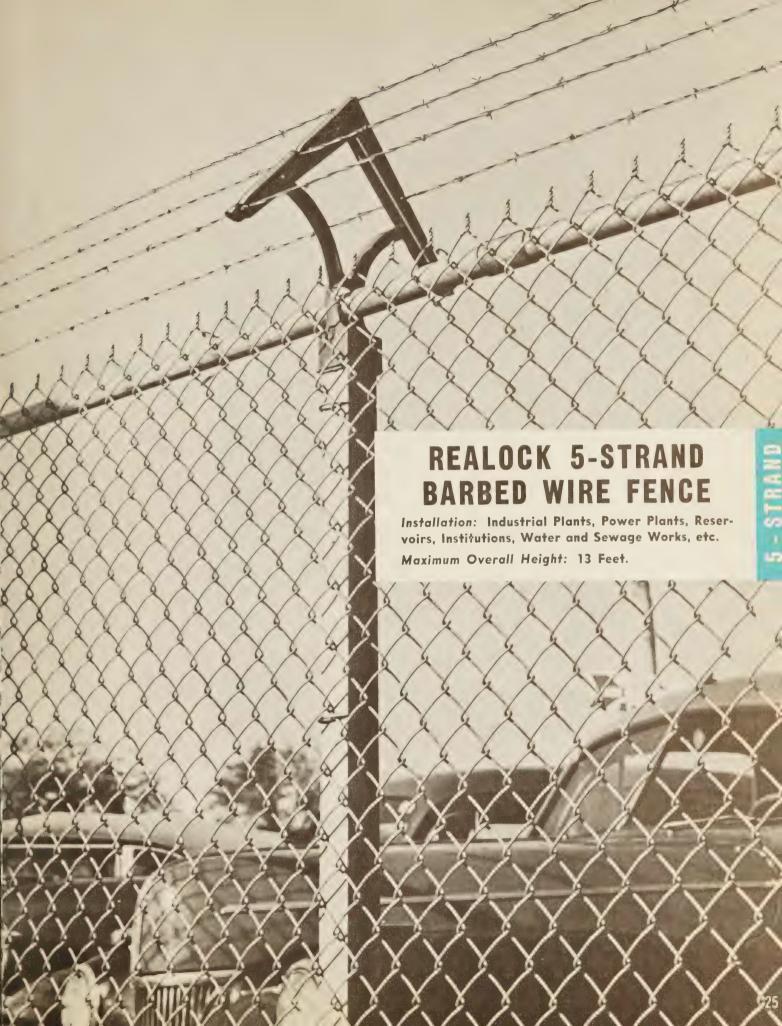


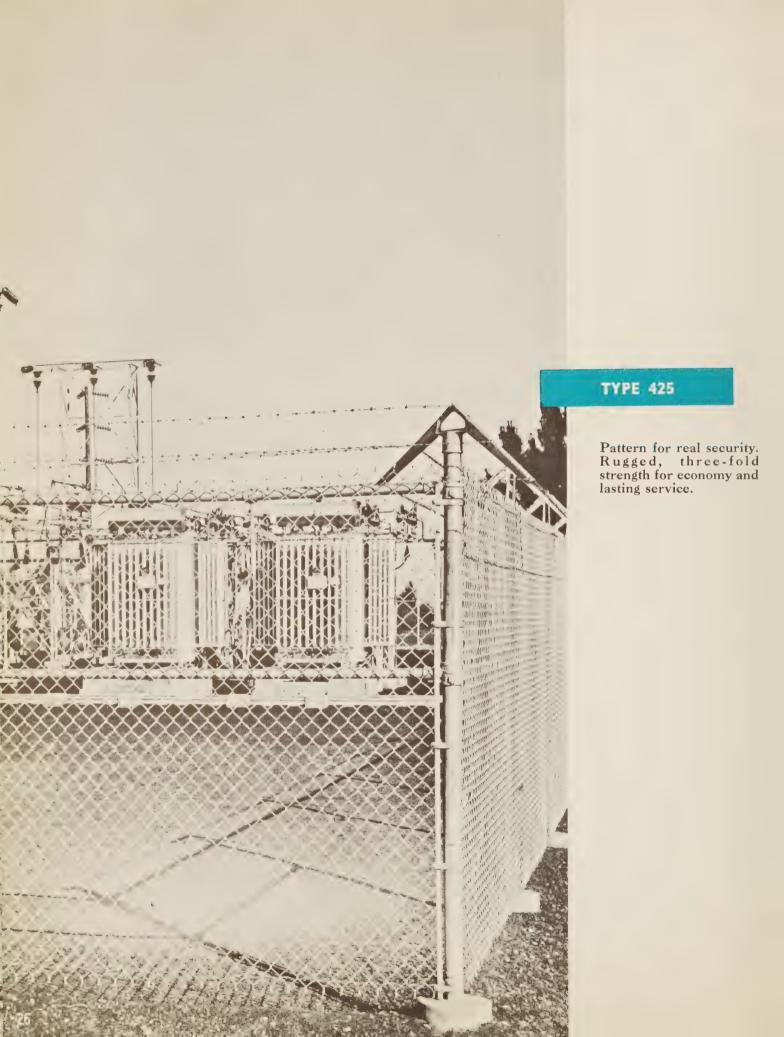
3-STRAND BARBED WIRE FENCE

Barbed Wire may be placed either inside or outside of the property depending upon the owner's judgment. Appearance not only denotes, but spells strength and durability.











TYPE 425-H

Maximum, five-strand protection is adaptable to a wide range of requirements. Here security is assured at every point, including entryway.

REALOCK

5 strand barbed wire

Note: Realock 5-Strand Barbed Wire Fencing is not carried in stock and will be handled on a special basis.

FARRIC

2-in. mesh, No. 9 or No. 6 gage (W&M) basic open hearth steel, hot-dip galvanized after fabrication: minimum 1.2 ounces of zinc per square foot of wire surface. Standard finish, twisted and barbed selvage top and bottom.

LINE POSTS

 $2\frac{1}{2}$ -in. O.D. pipe, 3.65-lb. per lineal ft. or 2.25 x 1.95-in. H-section 4.10-lb. per lineal ft. All line posts standard structural weight, H-section minimum carbon content, .35.

TOP RAIL

1-5/8-in. O.D. pipe, 2.27-lb. per lineal ft. When top rail is omitted, a No. 7 gage (W&M) coil spring wire is substituted. All top rails standard structural weight.

END AND CORNER POSTS

3-in. O.D. pipe, 5.79-lb. per lineal ft. or 3-in. I-section, 6.5-lb. per lineal ft.* All end and corner posts standard structural weight, I-section minimum carbon, .35.

GATE POSTS (See opposite page)

TIES

Aluminum or galvanized steel wire. For line posts, furnish one tie to every foot of fabric height. For rail and braces furnish approximately 24-in, apart.

POST SPACING AND SETTING

Line posts spaced not over 10-ft. apart set 36-in. deep into concrete base. Terminal posts set 36-in. deep into concrete base. Gate posts of $6\frac{5}{8}$ -in. O.D. and $8\frac{5}{8}$ -in. O.D. pipe set 42-in. deep into concrete base. All footings properly domed to shed water.

FITTINGS

All posts furnished wth tops and required fittings for attaching fabric and rail; also braces where required. Fittings to be of malleable iron, pressed steel and/or aluminum. Arms for barbed wire are heavy galvanized malleable iron tops with pressed steel extension arms in the form of an "A".

BRACING

All terminal posts furnished with horizontal braces where required. Braces of 1%-in, O.D. pipe, 2.27-lb, per lineal foot. Each brace diagonally trussed, with 3/8-in, round rod and truss tightener and fittings. Diagonal truss not furnished in lines with less than 2 line posts.

BARBED WIRE

Five strands of barbed wire running entire length of fence above fabric. Composed of two strands of $12\frac{1}{2}$ gage wire, 4-point barbs, spaced approximately 4-in, apart.

GALVANIZING

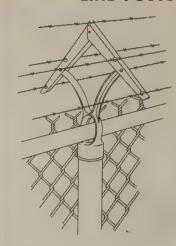
All materials except aluminum to be heavily galvanized by the hot-dip process. (See also Fabric).

EXPLANATION OF TYPE

1st digit indicates size of line post.

2nd digit indicates size of top rail.

LINE POSTS AND TOP RAIL



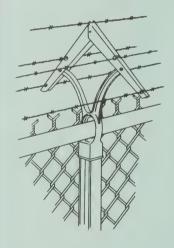
TYPE 425

Line Posts

 $2\frac{1}{2}$ -in. O.D. pipe, 3.65-lb. per lineal ft.

Top Rail

1%-in. O.D. pipe, 2.27-lb. per lineal ft.
Without top rail, specify Type 405.



TYPE 425-H

Line Posts

2.25 x 1.95-in. H-section, 4.10-lb. per lineal ft.

Top Rail

 $1\frac{5}{8}$ -in. O.D. pipe, 2.27-lb. per lineal ft. Without top rail, specify Type 405-H.

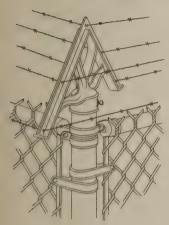
Although Realock 5-Strand Barbed Wire Fencing is not a stock item, and we generally recommend Realock 6-Strand Barbed Wire, it will be handled on a special basis. Selvage on Realock 5-Strand Barbed Wire Fencing is

NUMBERING SYSTEM

3rd digit indicates strands of barbed wire.

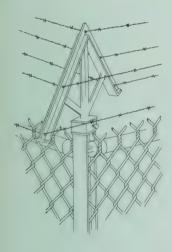
suffix indicates H-section.

END AND CORNER POSTS



TYPE 425

3-in. O.D. pipe, 5.79-lb. per lineal



TYPE 425-H

3-in. O.D. pipe, 5.79-lb. per lineal (See Type 425 above) 3-in. I-section, 6.5-lb. per lineal

barbed top and bottom unless otherwise specified.

For all Realock Fence with barbed wire, the fabric height is one foot less than the overall height of the fence.



(See also Page 50)

TYPE 425 and 425-H

Frame

2-in. O.D. pipe frame, 2.72-lb. per lineal fcot, or 2-in.*

All joints welded and braced wherever necessary; covered with fabric to match fence and furnished with suitable hinges and locking devices.

Posts

3-in. O.D. pipe, 5.79-lb. per lineal foot, or 3-in.* 1-section, 6.5-lb. per lineal ft.:

All singles up to and including 6-ft. opening. All doubles up to and including 12-ft. opening.

4-in. O.D. pipe, 9.1-lb. per lineal ft., or 4-in.* H-sections, 14-lb. per lineal ft.:

All singles over 6-ft. to and including 13-ft. opening. All doubles over 12-ft. to and including 26-ft. opening.

65/8-in. O.D. pipe, 18.97-lb. per lineal ft.:

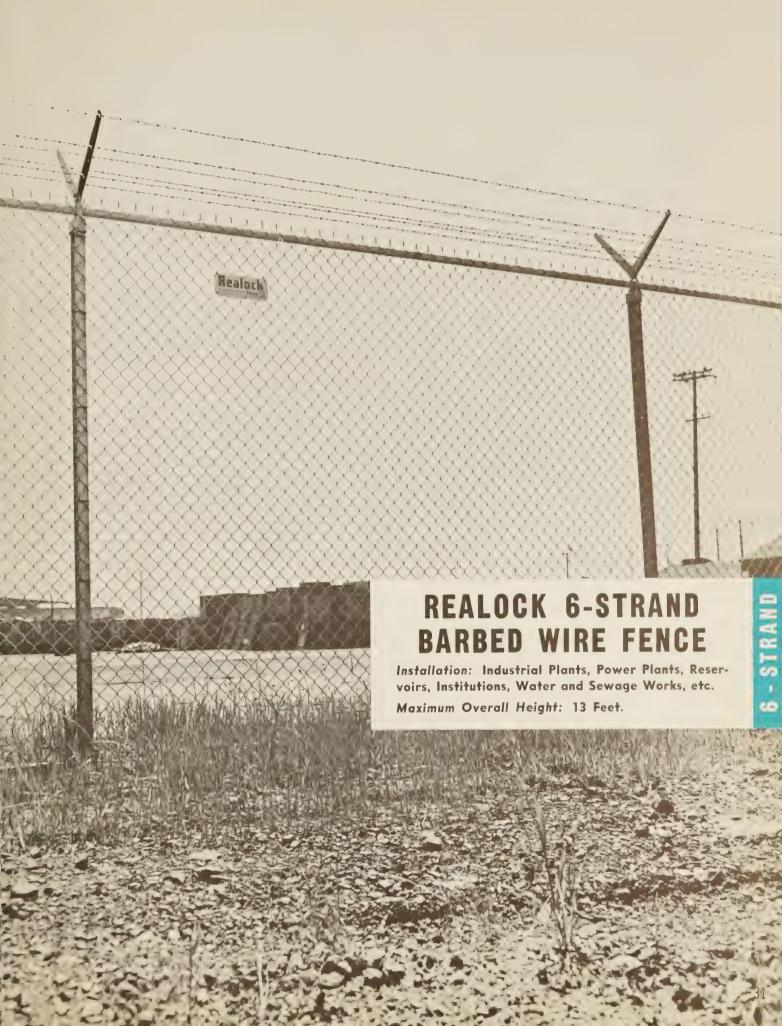
All singles over 13-ft. to and including 18-ft. opening. All doubles over 26-ft. to and including 36-ft. opening.

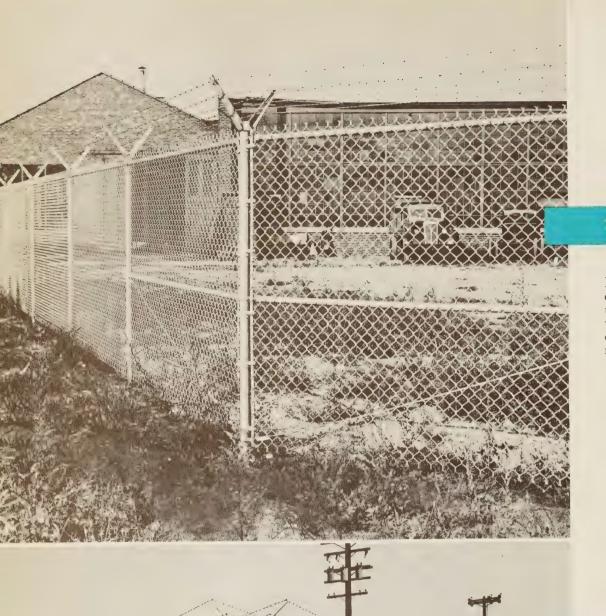
85/8-in. O.D. pipe 24.7-lb. per lineal ft.: Singles over 18-ft, opening, Doubles over 36-ft, opening.

Gates furnished with 3-strands of Barbed Wire.



This type is difficult to climb from either side. Trespassers will think twice before attempting to hurdle. Heights over 13 feet available to special order.





TYPE 426

Investment in lasting security installation like this guards property value always with only one investment, virtually no upkeep costs.



Heavy duty protection. Special requirement installation for maximum security.

TYPE 426-HF*

A heavy installation capable of rugged, durable service without costly upkeep.

*Furnished only by Mid-Continent Division.



The "V" design, using 6-strands of Barbed Wire, is intended for utmost protection. It is most difficult to climb from either side. Intruders will be confronted with an exit problem if entrance is accomplished.

Appropriate for correctional institutions.

Furnished in heights over 13 feet to special order.

REALOCK

6 strand barbed wire

UP TO AND INCLUDING 13 FT. HIGH

FARRIC

2-in. mesh, No. 9 or No. 6 gage (W&M), basic open hearth steel, hot-dip galvanized after fabrication: minimum 1.2 ounces of zinc per square foot of wire surface. Standard finish, twisted and barbed selvage top and bottom.

LINE POSTS

21/2-in. O.D. pipe, 3.65-lb. per lineal ft. or 2.25 x 1.95-in. H-section, 4.10 per lineal ft. All Line Posts standard structural weight, H-section minimum carbon content, .35.

TOP RAIL

15/8-in. O.D. pipe, 2.27-lb. per lineal ft. When top rail is omitted, a No. 7 gage (W&M) coil spring is substituted. All top rails standard structural weight.

END AND CORNER POSTS

3-in. O.D. pipe, 5.79-lb. per lineal ft. or 3-in. I-section, 6.5-lb. per lineal ft.* All end and corner posts standard structural weight, I-section minimum carbon, .35.

GATE POSTS (See opposite page)

TIES

Aluminum or galvanized steel wire. For line posts, furnish one tie to every foot of fabric height. For rail and braces furnish approximately 24-in. apart.

POST SPACING AND SETTING

Line posts spaced not over 10-ft. apart, set 36-in. deep into concrete base.

Terminal posts set 36-in. deep into concrete base. Gate posts of 65%-in. O.D. and 85%-in. O.D. set 42-in. deep into concrete base.

All footings properly domed to shed water.

FITTINGS

All posts furnished with tops and required fittings for attaching fabric and rail, also braces where necessary. Fittings to be of malleable iron, pressed steel, and/or aluminum. Extension arms for barbed wire are heavily galvanized malleable iron tops with pressed steel extension arms in the form of a "V". Note: Where H-section line posts are used, arms may be fabricated as on integral part of the post.**

BRACING

All terminal posts furnished with horizontal braces where required. Braces of 15%-in. O.D. pipe, 2.27-lb. per lineal ft. Each brace diagonally trussed, with 3/8-in, round rod and truss tightener and fittings. Diagonal truss not furnished in lines with less than 2 line posts.

BARBED WIRE

Six strands of galvanized steel barbed wire running entire length of fence above fabric. Composed of two strands of $12^1/2$ gage wire, 4-point barbs spaced approximately 4-in. apart.

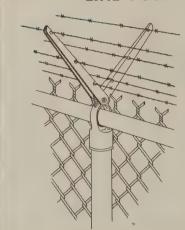
GALVANIZING

All materials except aluminum to be heavily galvanized by hotdip process. (See also Fabric)

EXPLANATION OF TYPE

1st digit indicates size of line post. 2nd digit indicates size of top rail.

LINE POSTS AND TOP RAIL



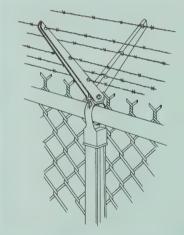
TYPE 426

Line Posts

 $2\frac{1}{2}$ -in. O.D. pipe, 3.65-lb. per lineal ft.

Top Rail

15/8-in. O.D. pipe, 2.27-lb. per lineal ft. Without top rail, specify Type 406.



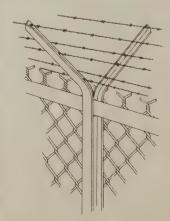
TYPE 426-H

Line Posts

2.25 x 1.95-in. H-section, 4.10-lb. per lineal ft.

Top Rail

15/8-in. O.D. pipe, 2.27-lb. per lineal ft. Without top rail, specify Type 406-H.



TYPE 426-HF**

Line Posts

2.25 x 1.95-in, H-section, 4.10-lb. per lineal ft. Posts are split and bent outward to form the arms carrying barbed wire, and punched to carry the top rail.

Top Rail

15/8-in. O.D. pipe, 2.27-lb. per lineal ft. Without top rail, specify Type 406-HF.

**Furnished only in Mid-Continent Division.

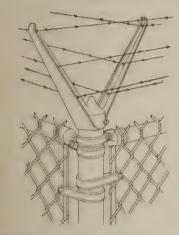
^{*}Furnished only by Wickwire Spencer Steel Division.

NUMBERING SYSTEM

3rd digit indicates strands of barbed wire.

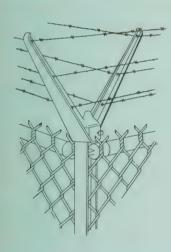
suffix indicates H-section or fabricated H-section.

END AND CORNER POSTS



TYPE 426

3-in. O.D. pipe, 5.79-lb. per lineal

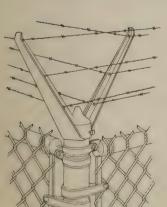


TYPE 426-H

3-in, O.D. pipe, 5.79-lb. per lineal

(See Type 426 above)

3-in. I-section, 6.5-lb. per lineal ff.*



TYPE 426-HF**

3-in. O.D. pipe, 5.79-lb. per lineal



(See also Page 50)

TYPE 426, 426-H, and 426-HF**

Frame

2-in. O.D. pipe frame, 2.72-lb. per lineal ft., or 2-in.* square tubing, 2.8-lb. per lineal ft.

All joints welded and braced wherever necessary: covered with fabric to match fence and furnished with suitable hinges and locking devices.

Posts

3-in. O.D. pipe, 5.79-lb. per lineal ft., or 3-in.* 1-section. 6.5-lb. per lineal ft.:

All singles up to and including 6-ft, opening.

All doubles up to and including 12-ft, opening.

4-in. O.D. pipe, 9.1-lb. per lineal ft., or 4-in.* H-sections 14-lb. per lineal ft.:

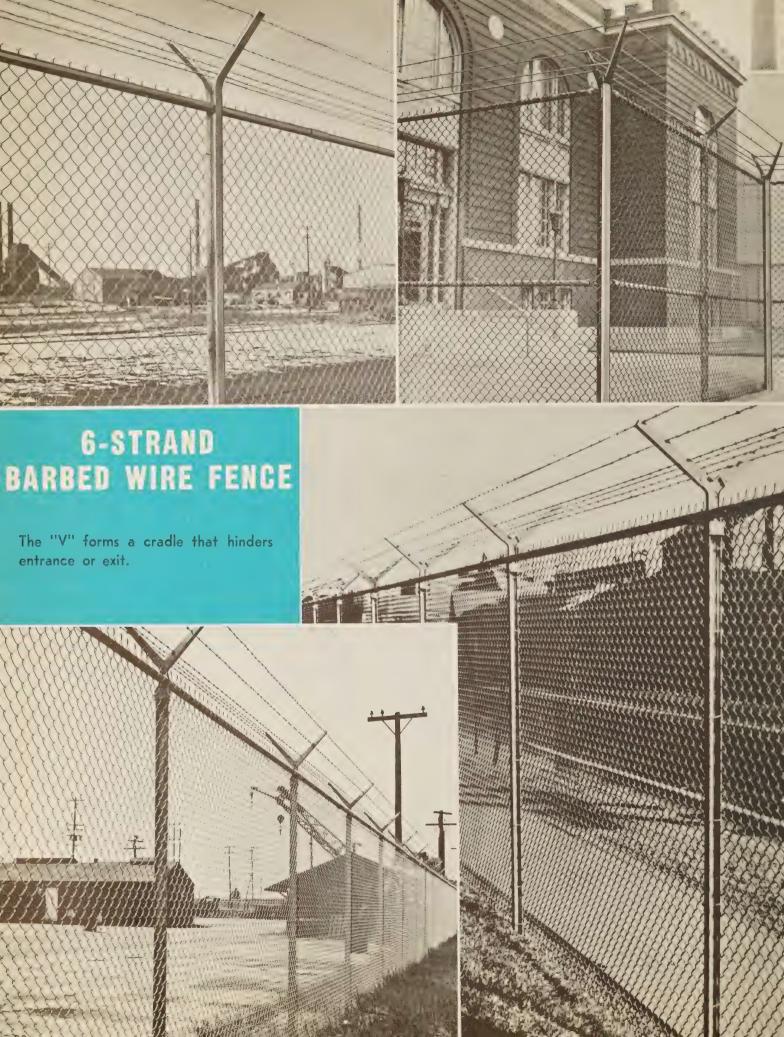
All singles over 6-ft., to and including 13-ft. opening. All doubles over 12-ft., to and including 26-ft. opening.

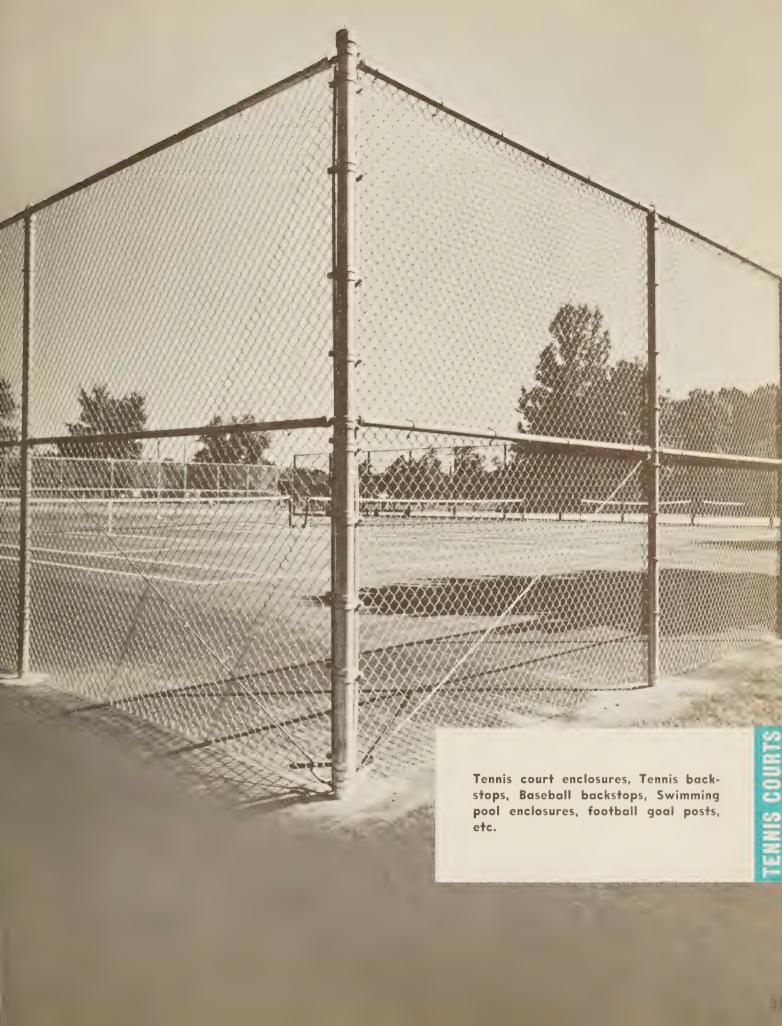
6%-in, O.D. pipe, 18.97-lb. per lineal ft.: All singles over 13-ft., to and including 18-ft. opening. All doubles over 26-ft., to and including 36-ft. opening.

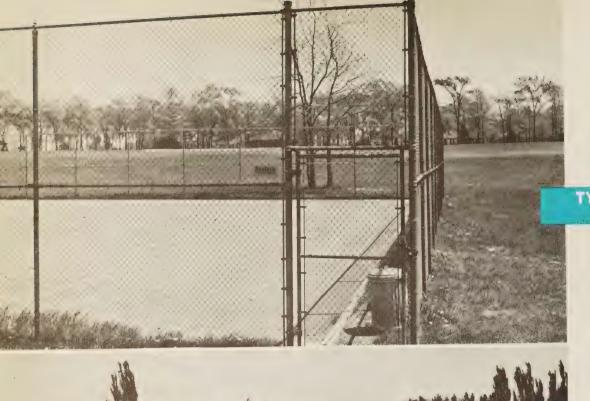
85%-in. O.D. pipe, 24.7-lb. per lineal ft.: Singles over 18-ft. opening.

Doubles over 36-ft. opening.

Gates furnished with 3-strands of barbed wire.

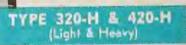






TYPE 310 & 420 (Light & Heavy)

Convenient access without interruption of strength and durability of the enclosure. Built and installed for years of service to come.



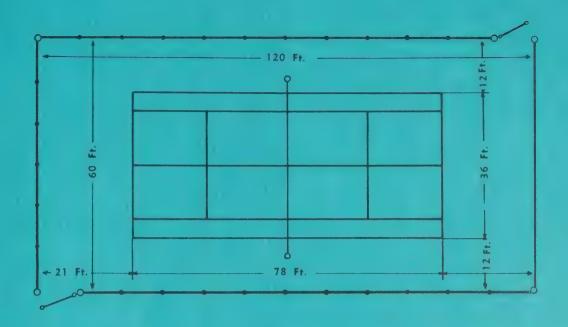
Another effective facility contributing to safe play, designed for special conditions, built for many seasons ahead.



TYPE 320-HF* & 420-HF* (Light & Heavy)

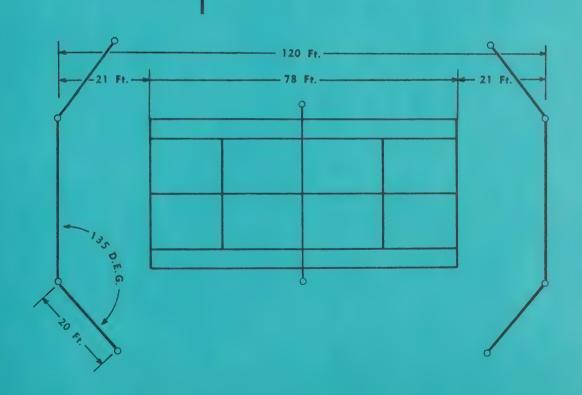
Players and non-players respect the strength of this enclosure. Courts last longer, with less maintenance.

*Furnished only by the Mid-Continent Division.



REALOCK

tennis courts backstops



REALOCK

tennis court fence

UP TO AND INCLUDING 12 FT. HIGH

FABRIC

13/4-in. mesh, No. 11 gage (W&M) basic open hearth steel, hot-dip galvanized after fabrication: minimum 1.2 ounces of zinc per square foot of wire surface. Standard finish, knuckled selvage top and bottom.

LINE POSTS

Light - 8 and 10 ft, high.

2-in. O.D. pipe, 2.72-lb. per lineal ft. or 1.875 x 1.5-in. H-section, 2.8-lb. per lineal ft.

Heavy - 8, 10 and 12 ft. high.

 $2^{1}/_{2}$ -in. O.D. pipe, 3.65-lb. per lineal ft. or 2.25 x 1.95-in. H-section, 4.1-lb. per lineal ft.

All line posts standard structural weight, H-section minimum carbon content, .35.

TOP RAIL

Light — 1 \(^3\)/e-in. O.D. pipe, 1.68-lb. per lineal ft. Heavy — \(^1\)/e-in. O.D. pipe, 2.27-lb. per lineal ft. All top rails standard structural weight.

MIDDLE RAIL

For 12-ft, high fence, $1\frac{1}{8}$ -in, O.D. pipe, 2.27-lb, per lineal ft. Standard structural weight.

END. CORNER & GATE POSTS

Light — 2½-in. O.D. pipe, 3.65-lb. per lineal ft.

Heavy — 3-in. O.D. pipe, 5.79-lb. per lineal ft. or
3-in. I-section end posts, 6.5-lb. per lineal ft.*

All end and corner posts of standard structural pipe, or I-section* with minimum carbon content, .35.

TIES

Aluminum or galvanized steel wire. For line posts, furnish one for every foot of fabric height. For rail and braces furnish approximately 24-in. apart.

POST SPACING & SETTING

Line posts spaced not over 10 ft. apart. All posts set 36-in. deep into concrete base.

FITTINGS

All posts furnished with tops and required fittings for attaching fabric and rail; also braces where necessary.

Transom panel over gate with fabric to match the fence. Fittings to be of malleable iron, pressed steel, and/or aluminum.

BRACING

All terminal posts furnished with horizontal braces where required. Braces of 15%-in. O.D. pipe, 2.27-lb. per lineal ft. Each brace diagonally trussed with a 3%-in. round rod and truss tightener and fittings. Diagonal truss not furnished in lines with less than 2 line posts.

GALVANIZING

All materials except aluminum to be heavily galvanized by the hot process. (See also Fabric)

EXPLANATION OF TYPE

1st digit indicates size of line post.

2nd digit indicates size of top rail.



LINE POSTS AND TOP RAIL

TYPE 310

Line Posts

2-in. O.D. pipe, 2.72-lb. per lineal ft.

Top Rail

13/8-in. O.D. pipe, 1.68-lb. per lineal ft.



TYPE 310-H

Line Posts

1.875 x 1.5-in. H-section, 2.8-lb. per lineal ft.

Top Rail

13/8-in. O.D. pipe, 1.68-lb. per lineal ft.



TYPE 310-HF**

Line Posts

1.875 x 1.5-in. H-section, 2.8-lb. per lineal foo beveled and punched to receive top rail.

Top Rail

13/8-in. O.D. pipe, 1.68-lb. per lineal ft.



TYPE 420

Line Posts

21/2-in. O.D. pipe, 3.65-lb. per lineal ft.

Ton Rai

15/8-in. O.D. pipe, 2.27-lb. per lineal ft.



TYPE 420-H

Line Posts

2.25 x 1.95-in. H-section, 4.10-lb. per lineal ft.

Tan David

15/8-in. O.D. pipe, 2.27-lb. per lineal ft.



TYPE 420-HF**

Line Posts

2.25 x 1.95-in. H-section, 4.10-lb. per lineal ft punched and beveled to receive top rail.

Top Rail

15/8-in. O.D. pipe, 2.27-lb. per lineal ft.

*Furnished only by the Wickwire Spencer Steel Division.

**Furnished only by the Mid-Continent Division.

NUMBERING SYSTEM

3rd digit indicates strands of barbed wire.

suffix indicates H-section or fabricated H-section.



END, CORNER AND GATE POSTS

TYPE 310

 $2^{1}/_{2}$ -in. O.D. pipe, 3.65-lb. per lineal ft.



TYPE 310-H

21/2-in. O.D. pipe, 3.65-lb. per lineal ft.



TYPE 310-HF**

21/2-in. O.D. pipe, 3.65-lb. per lineal ft.



TYPE 420

3-in. O.D. pipe, 5.79-lb. per lineal ft.



TYPE 420-H

3-in. O.D. pipe, 5.79-lb. per lineal ft. 3-in. 1-section, 6.5-lb. per lineal ft.*



TYPE 420-HF**

3-in. O.D. pipe, 5.79-lb. per lineal ft.



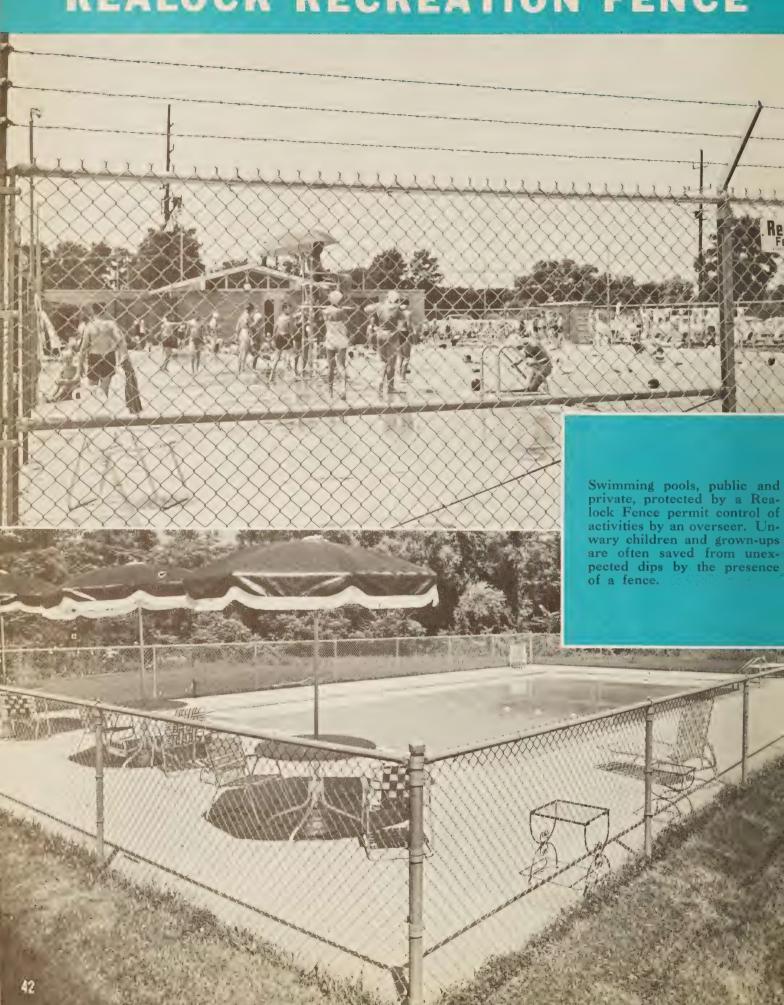
GATES

(See also Page 50)

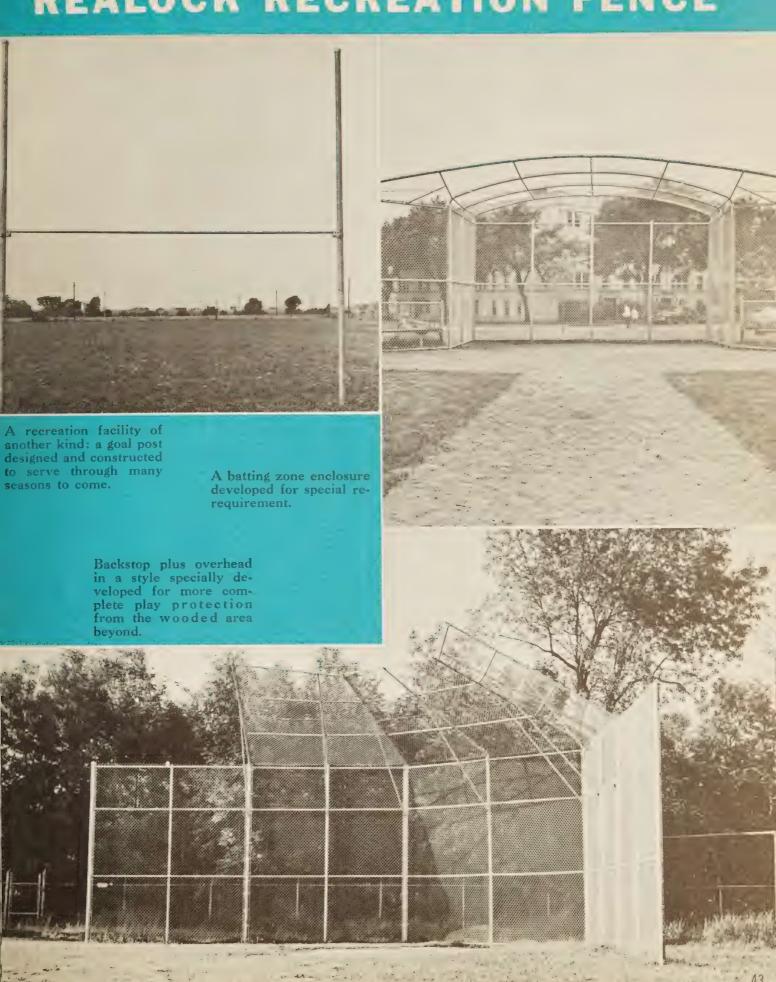
Frame

15%-in. O.D. pipe frame, 2.27-lb. per lineal ft. All joints welded and braced wherever necessary, covered with fabric to match fence. Standard opening, $3\frac{1}{2}$ -ft. wide by 7.0 ft. high under rail. Transom panel furnished over gate. Suitable hinges and locking devices.

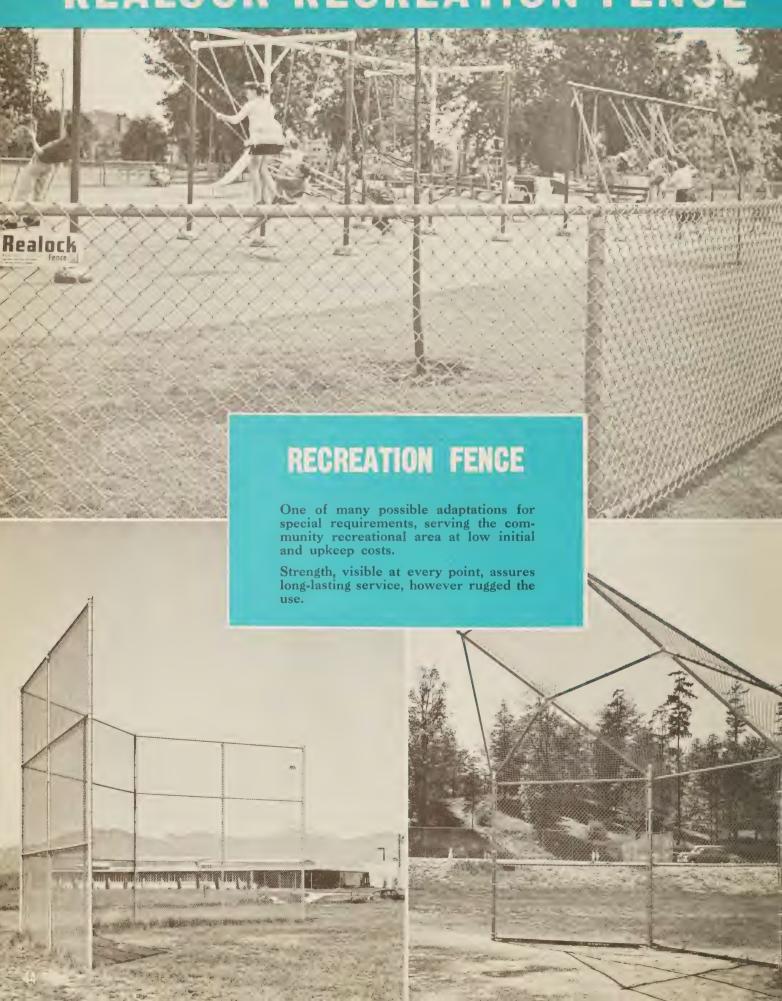
REALOCK RECREATION FENCE



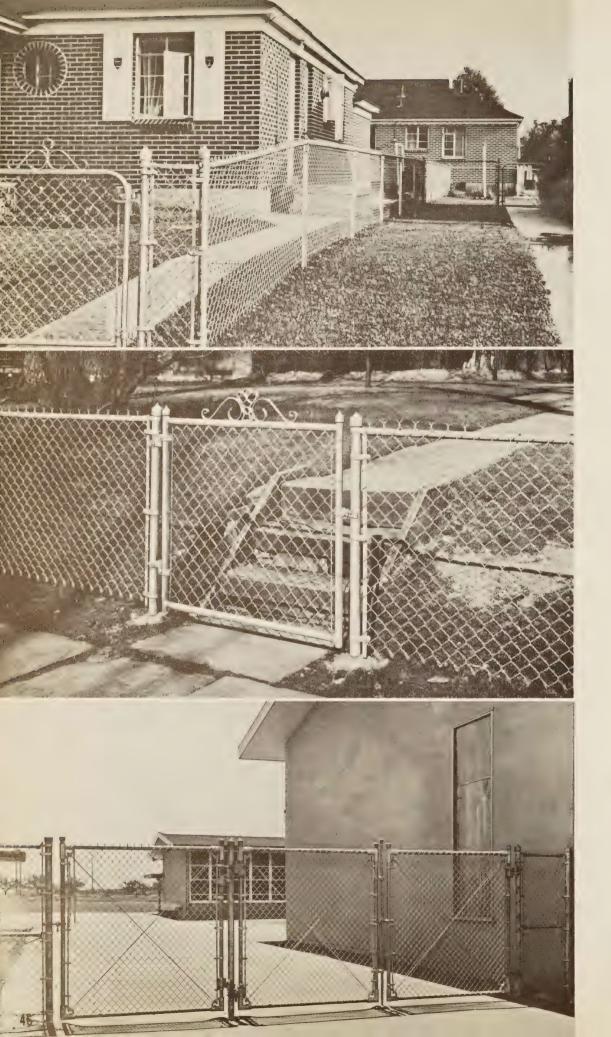
REALOCK RECREATION FENCE



REALOCK RECREATION FENCE







Beauty and durability made this a valuable addition to the property beyond. Sound construction of every component assures lasting service, minimum upkeep.

Another style tailored to the day-to-day needs of a growing family. Endless in-and-out use will not reduce its serviceability through the years.

One entryway — or three. For school traffic this design allows maximum useage when it is required.

A design answering large opening need, allowing maximum use, with minimum maintenance and operating requirements.

This type of Slide Gate is used when space will not permit the use of overhead construction because of clearance requirements.

Especially suitable for large openings where driveways will permit the required swinging distance.



REALOCK GATES

RESIDENTIAL

For fences 3, $3^{1}/_{2}$ and 4 feet high Types T-1, 210, 310, 320, 310-H, and 310-HF. All gates covered with fabric to match fence. Suitable fittings and locking devices of malleable iron, pressed steel, and/or aluminum. All material except aluminum heavily galvanized by hot-dip process. All joints welded.

EXPLANATION OF TYPE

1st digit indicates size of line post.

2nd digit indicates size of top rail.

SCROLLS

Scrolls shown on square Welded Frame and Bent Frame Gates are standard for Residential gates. Special scroll available in Wickwire Spencer Steel Division on special request only. Scroll will be eliminated if requested.

TYPE	FRAME	GATE POSTS
T-1 and 210	1½-in. O.D. pipe, 1.13-lb. per lineal foot—bent frame or square welded frame	2-in. O.D. pipe, 2.72-lb. per lineal foot: single gate only
310, 310-H and 310-HF	1 ³ / ₈ -in. O.D. pipe, 1.68-lb. per lineal foot—bent frame or square welded frame *	$2^{1}/_{2}$ -in. O.D. pipe, 3.65-lb. per lineal foot: All single gates up to and including 6-ft. opening. All double gates up to and including 12-ft. opening.
320	15%-in. O.D. pipe, 2.27-lb. per lineal foot—square welded frame*	21/2-in. O.D. pipe, 3.65-lb. per lineal foot: All single gates up to and including 4-ft. opening. All double gates up to and including 8-ft. opening. 3-in. O.D. pipe, 5.79-lb. per lineal foot: All single gates over 4-ft., to and including 8-ft. opening. All double gates over 8-ft., to and including 16-ft. opening. 4-in. O.D. pipe, 9.1-lb. per lineal foot: All single gates over 8-ft., to and including 12-ft. opening. All double gates over 16-ft., to and including 24-ft. opening.

INSTITUTIONAL

For fences up to 12-ft. high, Types 320, 320-H, 420, 420-H and 420-HF. All gates covered with fabric to match fence. Suitable fittings and locking devices of malleable iron, pressed steel

and/or aluminum. All material except aluminum heavily galvanized by hot-dip process. All joints welded* and braced wherever necessary.

Doubles over 36-ft. opening.

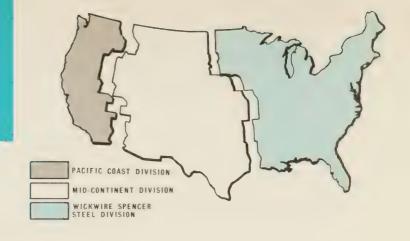
		1
TYPE	FRAME	GATE POSTS
320 and 320-H	Light—up to 6 ft. high 1⅓-in. O.D. pipe, 2.27-lb. per lineal foot.	Light—up to 6 ft. high 21/2-in. O.D. pipe, 3.65-lb. per lineal foot: All single gates up to and including 4-ft. opening. All double gates up to and including 8-ft. opening. 3-in. O.D. pipe, 5.79-lb. per lineal foot: All single gates over 4-ft., to and including 8-ft. opening. All double gates over 8-ft., to and including 16-ft. opening. 4-in. O.D. pipe, 9.1-lb. per lineal foot: All single gates over 8-ft., to and including 12-ft. opening. All double gates over 16-ft., to and including 24-ft. opening.
420, 420-H and 420-HF	Heavy—up to 12 ft. high 2-in. O.D. pipe, 2.72-lb. per lineal foot, 2-in. square tubing, 2.8-lb. per lineal foot**	Heavy—up to 12 ft. high 3-in. O.D. pipe, 5.79-lb, per lineal foot, or **3-in. I-section, 6.5-lb. per lineal foot: All singles up to and including 6-ft. opening. All doubles up to and including 12-ft. opening. 4-in. O.D. pipe, 9.1-lb. per lineal foot, or **4-in. H-sections, 14-lb. per lineal foot: All singles over 6-ft., to and including 13-ft. opening. All doubles over 12-ft., to and including 26-ft. opening. 65%-in. O.D. pipe, 18.97-lb. per lineal foot: All singles over 13-ft., to and including 18-ft. opening. All doubles over 26-ft. to and including 36-ft. open-
* Fitted gate corner with malleable fittings can be furnished. See page 54.		ing. 85%-in. O.D. pipe, 24.7-lb. per lineal foot: Singles over 18-ft, opening.

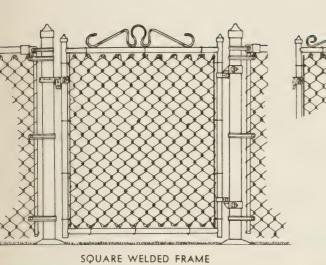
** Furnished only by Wickwire Division.

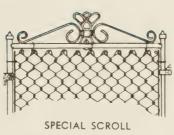
NUMBERING SYSTEM

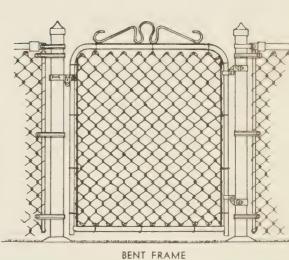
3rd digit indicates strands of barbed wire.

suffix indicates H-section or fabricated H-section.



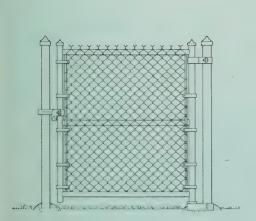






OFFSET HINGES—Permit Gate to Swing 180°

UARE WELDED FRAME



SINGLE GATE

STANDARD HINGES—Permit
Gate to Swing 90°

DOUBLE GATE

REALOCK

EXPLANATION OF TYPE

1st digit indicates size of line post.

2nd digit indicates size of top rail.

3,5 and 6-STRAND BARBED WIRE

For fences up to 13-ft. high, Types 323, 323-H, 423, 423-H, 423-HF, 425, 425-H, 426, 426-H and 426-HF. All gates covered with fabric to match fence. Suitable fittings and locking de-

vices of malleable iron, pressed steel and/or aluminum. All materials except aluminum heavily galvanized by hot-dip process. All joints welded*, and braced wherever necessary.

TYPE	FRAME	GATE POSTS
323 and 323-H	Light—up to 7 ft. high 1 ⁵ / ₈ -in. O.D. pipe, 2.27-lb. per lineal foot.	Light—up to 7-ft. high 21/2-in. O.D. pipe, 3.65-lb. per lineal foot: All single gates up to and including 4-ft. opening. All double gates up to and including 8-ft. opening. 3-in. O.D. pipe, 5.79-lb. per lineal foot: All single gates over 4-ft., to and including 8-ft. opening. All double gates over 8-ft., to and including 16-ft. opening. 4-in. O.D. pipe, 9.1-lb. per lineal foot: All single gates over 8-ft., to and including 12-ft. opening. All double gates over 16-ft., to and including 24-ft. opening.
423, 423-H, 423-HF 425, 425-H 426, 426-H and 426-HF	Heavy—up to 13 ft. high 2-in. O.D. pipe, 2.72-lb. per lineal foot. 2-in. square tubing, 2.8-lb. per lineal foot.**	Heavy—up to 13-ft. high 3-in. O.D. pipe, 5.79-lb. per lineal foot, or **3-in. I-section, 6.5-lb. per lineal foot: All singles up to and including 6-ft. opening. All doubles up to and including 12-ft. opening. 4-in. O.D. pipe, 9.1-lb. per.lineal foot, or **4-in. H-sections, 14-lb. per lineal foot: All singles over 6-ft., to and including 13-ft. opening. All doubles over 12-ft., to and including 26-ft. opening. 65/8-in. O.D. pipe, 18.97-lb. per lineal foot: All singles over 13-ft., to and including 18-ft. opening. All doubles over 26-ft., to and including 36-ft. opening. 85/8-in. O.D. pipe, 24.7-lb. per lineal foot: Singles over 18-ft. opening. Doubles over 36-ft. opening.

TENNIS COURTS

8, 10, and 12-ft. high, Types 310, 310-H, 310-HF, 420, 420-H and 420-HF. All gates covered with fabric to match fence. Suitable fitting and locking devices of malleable iron, pressed steel and/or aluminum. All materials except aluminum heavily galvanized by hot-dip process. All joints welded*, and braced wherever necessary.

FRAME

15/8-in. O.D. pipe, 2.27-lb. per lineal foot.

OPENING

Standard opening $3\frac{1}{2}$ -ft. wide, 7.0-ft. high under rail. Transom panel is furnished over gate.

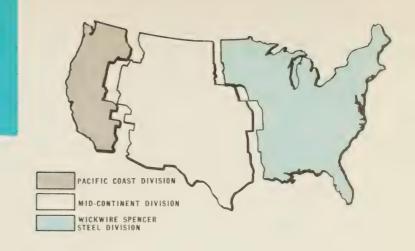
^{*} Fitted gate corner with malleable fittings can be furnished.

See page 54.
** Furnished only by Wickwire Division.

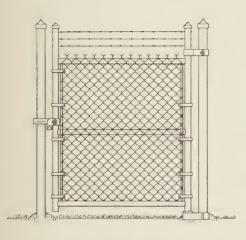
NUMBERING SYSTEM

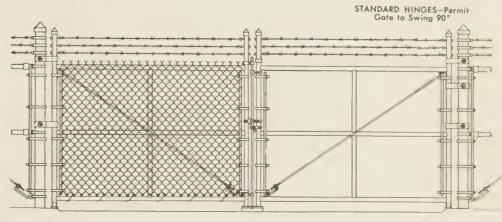
3rd digit indicates strands of barbed wire.

suffix indicates H-section or fabricated H-section.



OFFSET HINGES—Permit Gate to Swing 180°

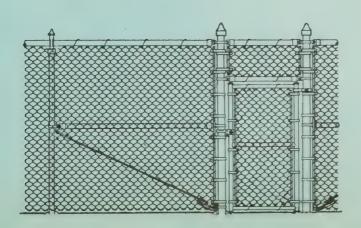




SINGLE GATE

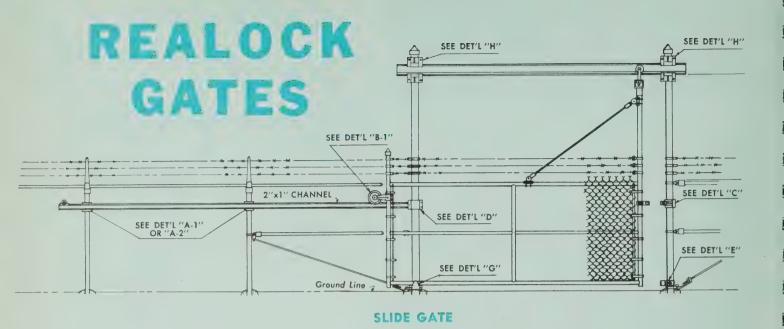
DOUBLE GATE

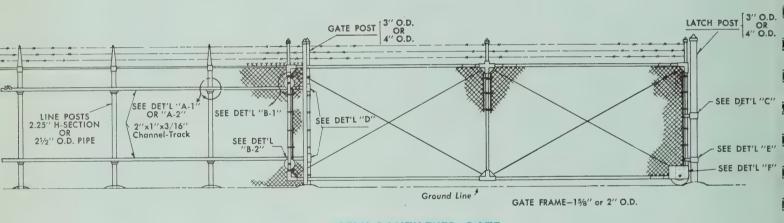
TENNIS COURT



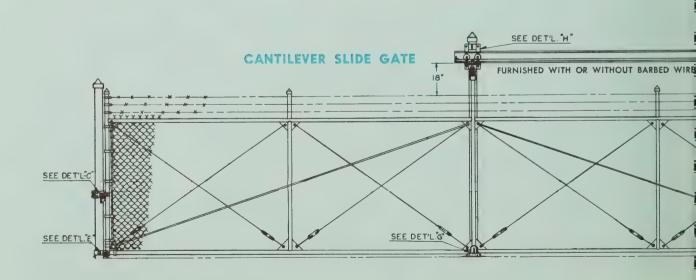
OFFSET HINGES—Permit Gates to swing back against fence.

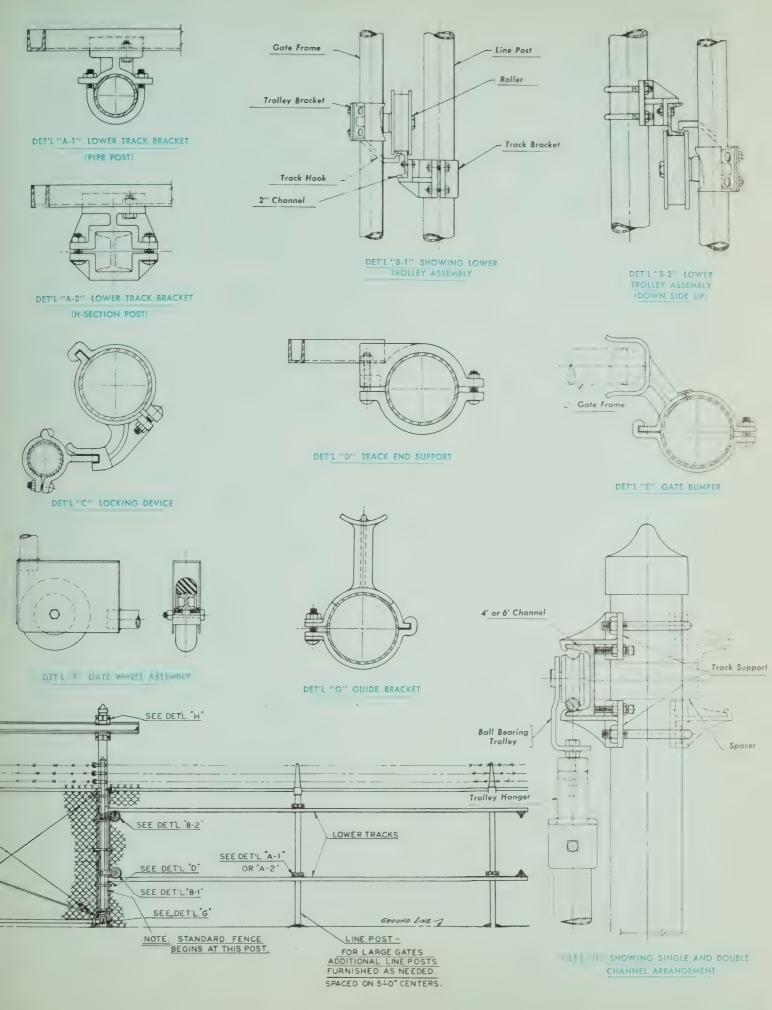
STANDARD HINGES—Permit Gate to swing 90°.

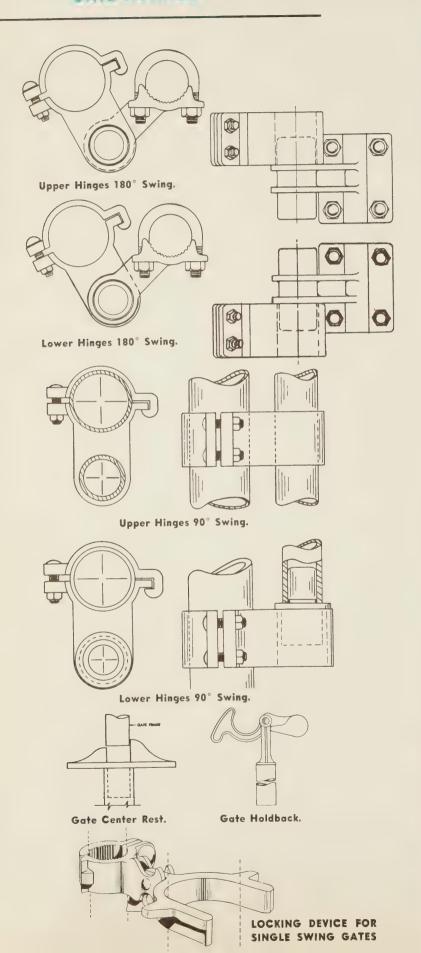


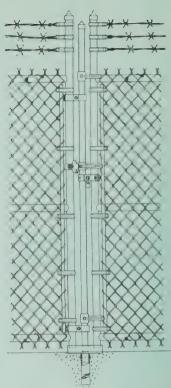


SEMI-CANTILEVER GATE

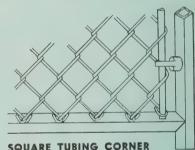




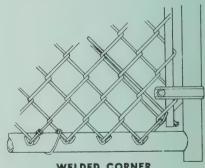




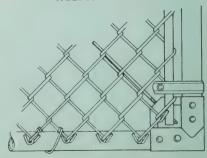
DROP BAR LOCKING DEVICE FOR DOUBLE SWING GATES



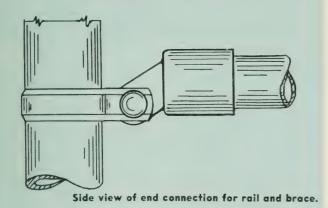
SQUARE TUBING CORNER Furnished only by Wickwire Division. With "I" or "H" section gate posts

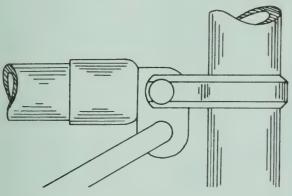


WELDED CORNER

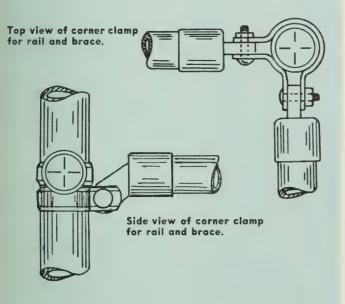


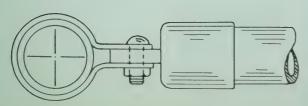
FITTED GATE CORNER Malleable fittings, furnished only when specified



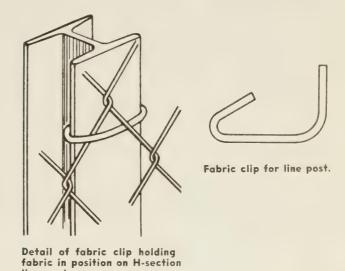


Side view of end connection for rail and brace.



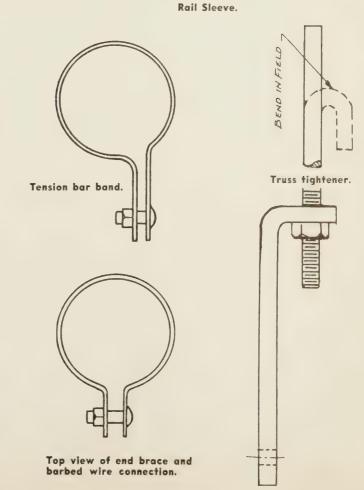


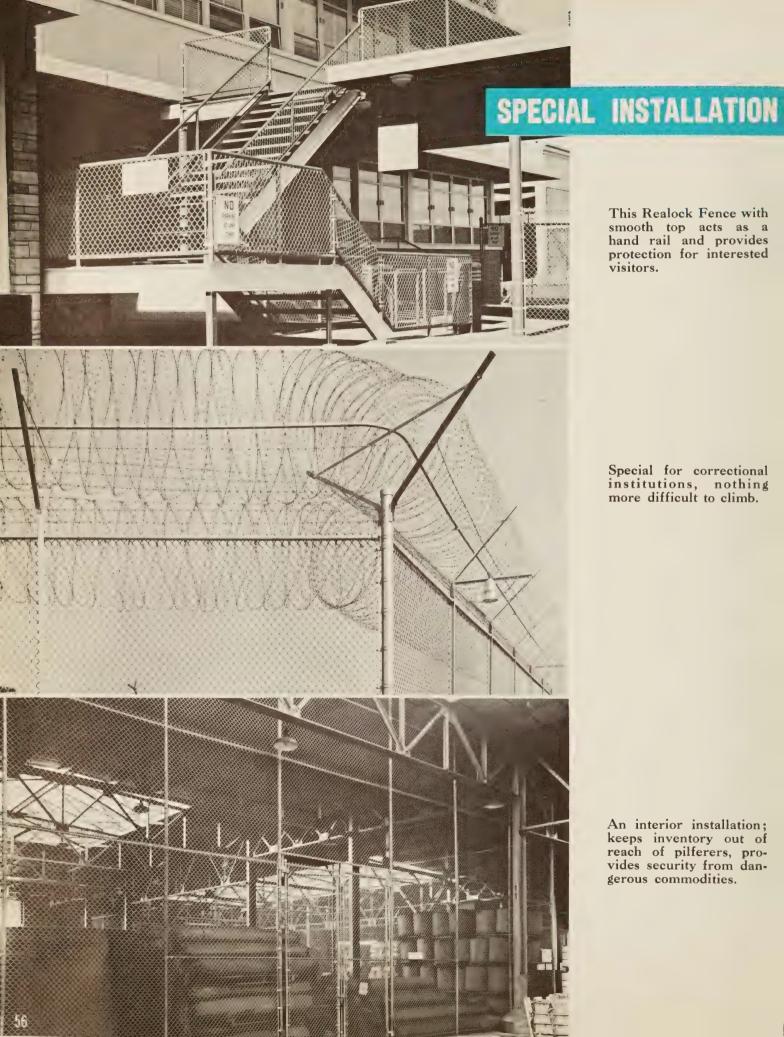
Top view brace rail connection.



line post.

Dati Classes



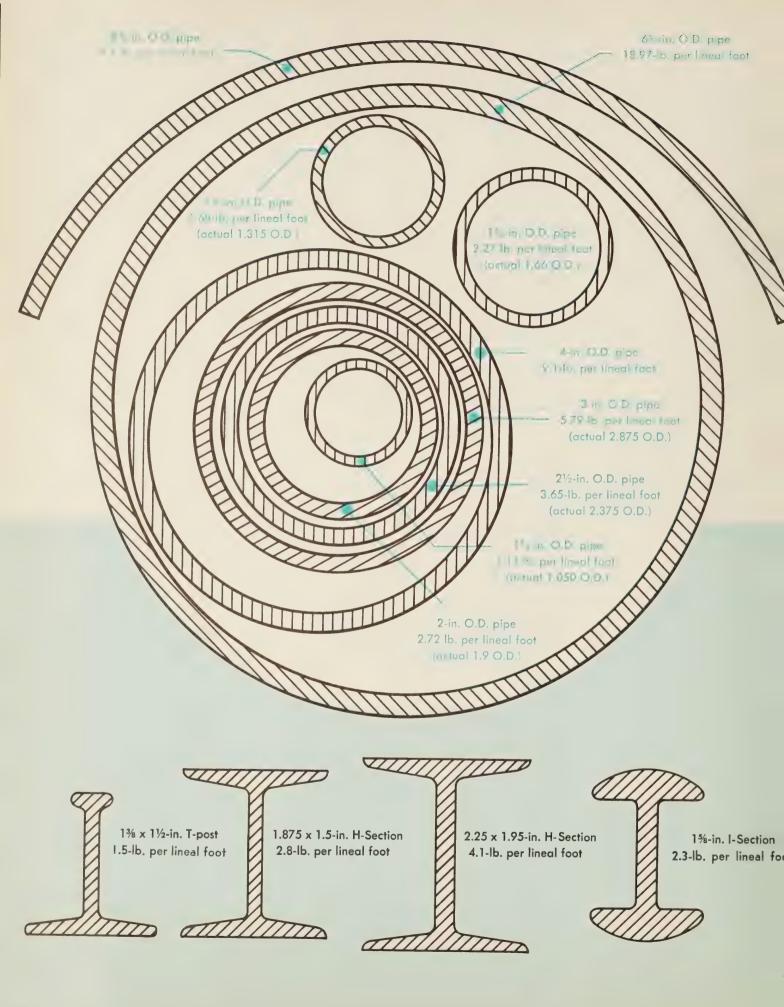


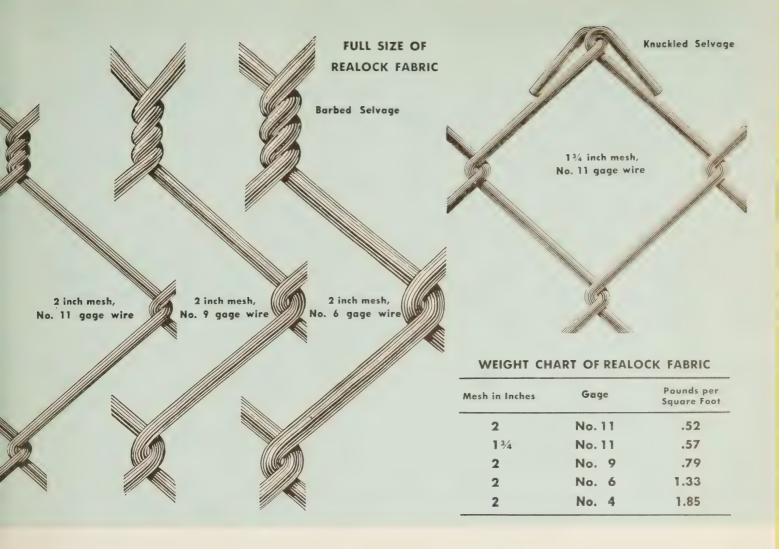
Kennels for your dogs, built special to suit individual needs.

Another Institutional installation, upper half of fine mesh for all practical purposes, impossible to climb.

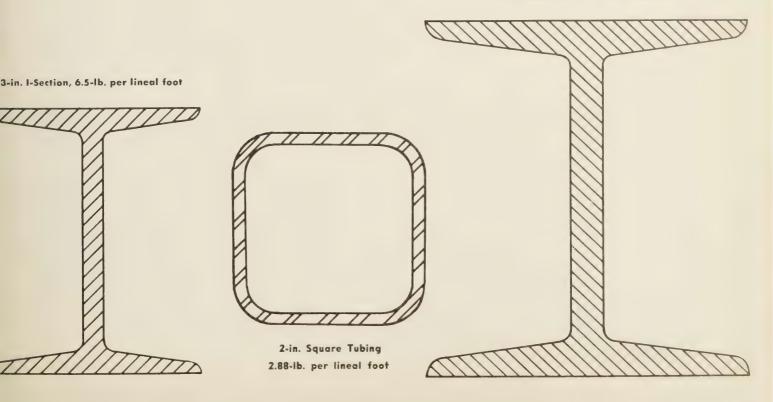


Built to customer's specifications for special needs.





4-in. H-Section, 14-lb. per lineal foot



SPECIFICATION CHART OF ALL TYPES OF REALOCK FENCE

USE	TYPE NO.	STRANDS OF BARBS	SIZE OF RAIL OR COILED SPRING WIRE	SIZE OF LINE POST	END OR CORNER POST	SIZE OF MESH	GAGE OF WIRE	OVERALL HEIGHT
	426H* 425H 423H* 420H*	6 5 3 0	1%'' O.D. Pipe (2.27 # Lin. Ft.)	2½" H-(4.1# Lin.Ft.)	3" 1-(6.5 # Lin. Ft.) or 3" O.D. (5.79 # Lin. Ft.)		No. 9 or No. 6	5'-6'-7'-8' 9'-10'-11'-12'-13' SEE NOTE
	323H*	3		13/4" H-(2.8# Lin. Ft.)	2½" O.D. (3.65# Lin. Ft.)			6'-7'
4L	406H* 405H 403H* 400H*	6 5 3 0	No. 7 Coiled Spring Wire	21/4" H-(4.1 # Lin.Ft.)	3" 1-(6.5# Lin. Ft.) or 3" O.D. (5.79# Lin. Ft.)	2"		5'-6'-7'-8' 9'-10'-11'-12'-13' SEE NOTE
TRI	303H*	3		134" H-(2.8# Lin. Ft.)	2½" O.D. (3.65# Lin. Ft.)			6'-7'
INDUSTRIAL	426 425 423 420	6 5 3 0	1%'' O.D. Pipe (2.27# Lin. Ft.)	2½" O.D. (3.65# Lin. Ft.)	3" O.D. Pipe (5.79 # Lin. Ft.)			5'-6'-7'-8' 9'-10'-11'-12'-13' SEE NOTE
	323	3		2" O.D. (2.72# Lin. Ft.)	2½" O.D. (3.65# Lin. Ft.)			6'-7'
	406 405 403 400	6 5 3 0	No. 7 Coiled Spring Wire	2½" O.D. (3.65# Lin. Ft.)	3" O.D. Pipe (5.79 # Lin. Ft.)			5'-6'-7'-8' 9'-10'-11'-12'-13' SEE NOTE
	303	3		2" O.D. (2.72# Lin. Ft.)	2½" O.D. (3.65# Lin. Ft.)			6'-7'
	320H* 310H* 300H*	0 0 0	15%" O.D. Pipe (2.27 # Lin. Ft.) 13%" O.D. Pipe (1.68 # Lin. Ft.) No. 7 Coiled Spring Wire	1¾" H-(2.8# Lin. Ft.)	2½" O.D. Pipe		No. 9	
RESIDENTIAL	320 310 300	0 0 0	1%" O.D. Pipe (2.27# Lin. Ft.) 1%" O.D. Pipe (1.68# Lin. Ft.) No. 7 Coiled Spring Wire	2" O.D. Pipe- (2.72# Lin. Ft.)	(3.65# Lin. Ft.)		or No. 6	3'-3'6'' 4'-5'-6'
RESI	210 200	0	1%" O.D. Pipe (1.68 # Lin. Ft.) No. 7 Coiled Spring 15%" O.D. Pipe- (2.27 # Lin. Ft.)		2" O.D. Pipe	2"		
	T1** TO**	0	1%" O.D. Pipe (1.68# Lin. Ft.) No. 7 Coiled Spring	"T" (1.5# Lin. Ft.) "T" (1.5# Lin. Ft.)	(2.72 # Lin. Ft.)		No. 11-9	3'-3'6''-4'
TENNIS	420H 420 310	0 0 0	15%" O.D. Pipe (2.27 # Lin. Ft.) 15%" O.D. Pipe (2.27 # Lin. Ft.) 13%" O.D. Pipe (1.68 # Lin. Ft.)	2½" H-(4.1 # Lin.Ft.) 2½" O.D. (3.65 # Lin. Ft.) 2" O.D. (2.72 # Lin. Ft.)	3" 1-(6.5# Lin. Ft.) 3" O.D. (5.79# Lin. Ft.) 2½" O.D. (3.65# Lin. Ft.)	134''	No. 11	8′-10′-12′

^{*}These types can be furnished in the mid-continent division with fabricated line posts. Such types are followed by suffix "HF" instead of "H".

All posts set in concrete. For posts set in concrete walls or rock a depth equal to 4 times diameter is recommended. Except Type T1. NOTE—For types 420H, 400H, 420, 400 maximum height 12' is standard.

CHART OF GATE FRAMES AND GATE POSTS					
TYPE OF	GATE O	PENINGS	GATE		
FENCE	SINGLE	DOUBLE	FRAME	POST . SIZE & WEIGHT	
T1 -T0	Up to 6'	Up to 12'	11/8" O.D.		
210 -200	Up to 6'	Up to 12'	11/8" O.D.		
310 -300	Up to 6'	Up to 12'	13%" O.D.		
320 —300	Up to 4'	Up to 8'	1%" O.D.	2½" O.D3.65# Lin. Ft.	
323 —303	Over 4' to 8'	Over 8' to 16'	1%" O.D.	3" O.D5.79# Lin. Ft.	
420 —400	Up to 6'	Up to 12'	2" O.D.	3" O.D5.79# Lin. Ft.	
423 —403	Over 6' to 13'	Over 12'to 26'	2" O.D.	4" O.D9.10# Lin. Ft.	
425 —405	Over 13'to 18'	Over 26'to 36'	2" O.D.	6%"O.D18.97#Lin.Ft.	
426 —406	Over 18'	Over 36'	2" O.D.	8%"O.D 24.7 #Lin.Ft.	
420H—400H	Up to 6'	Up to 12'	2" Sq.	3" I-6.5# Lin. Ft.	
423H—403H	Over 6' to 13'	Over 12'to 26'		4" H-14.5# Lin. Ft.	
	Over 13'to 18' Over 13'to 18'		or 2" O.D.	6%"-18.97# Lin. Ft. 6%"-18.97# Lin. Ft.	

FOOTING CHART							
	Height	Line Post		End & Corner		Gate Post	
TYPES	of Fence	Dia. at Top	Depth	Dia. at Top	Depth	Dia. at Top	Depth
T1-210-310-320	To 4'	8′′	24"	10"	30"	10"	30"
310 Tennis	To 12'	10"	36"	12"	36"	12"	36"
320-420-310H	To 4'	10''	24"	12"	30"	12"	30"
323-323H	To 7'	10"	36"	12"	36"	12"	36"
420-420H	5'to 12'	10"	36"	12"	36"	12"	36"
423-423H	5'to 12'	10"	36"	12"	36"	12"	36"
425-425H	5'to 12'	10"	36"	12"	36"	12"	36"
426-426H	5'to 12'	10"	36"	12"	36"	12"	36"
6%''& 8%''						16"	48"

The above table is for standard construction. Special ground conditions may develop, requiring special size holes.

^{**}Not furnished by the Wickwire Division.

PRINCIPAL PRODUCTS OF CF&I

Mining, Quarrying and Lumbering Industries: Forged steel grinding balls • Grinding rods • Screen and grizzly bars • Rock bolts and metallic fabric • Sizing and grading screens • Mine rails and fastenings • Wire rope, strand and slings • Bars and structurals • Flat and round wire • Flanged and dished heads • Large diameter welded steel pipe • Chain link fence • Carbon and alloy steel plate • Fabricated plate parts • Grader blades.

Shipbuilding and Marine Industry: Carbon and alloy steel plate • Stainless clad plate • Lectro-clad nickel plated steel • Fabricated plate parts • Flanged and dished heads • Wire rope, strand and slings • Industrial screens • Hardware cloth • Fish, crab and lobster trap netting • Metal processing belts • Trawling and mooring lines.

Construction Industry: Grinding balls and rods • Nails, staples and spikes • Ring and screw shank nails • Structural shapes • Merchant bars and shapes • Reinforcing bars • Welded wire building and pipe reinforcement • Cal-tie wire • Stucco netting • Strip • Merchant wire • Wire and wire rods • Garage door hardware and springs • Overhead and sliding door hardware • Wire rope, strand and slings • Grader blades and cutting edges • Insect wire screening • Carbon and alloy steel plate • Fabricated plate parts • Welded steel plate girders • Tensioning elements for prestressed concrete, including stress-relieved strand for pre-tensioning, galvanized strand assemblies, and stress-relieved wire for post-tensioning • Chain link fence • Roofing pitch • Tar paint.

Transportation Industry — Railroad, Automotive, Aircraft: Standard rails • Track spikes • Track bolts • Rail joints and tie plates • Angle bars • Track and carbuilding sections • Welded wire paving reinforcement • Automotive springs (starter, clutch and valve) • Rubber hose wire and clamps • Mechanic's wire • Tire bead wire • Aircraft wire, cables, cords and assemblies • Forging billets • Oil tempered wire • Chain link fence • Pig iron • Wire rope, strand and slings • Carbon and alloy steel plate • Lectro-clad nickel plated steel • Screening • Creosote.

Chemical Industry: Industrial screen (carbon, stainless and alloy steels and non-ferrous metals) • Flanged and dished heads • Carbon and alloy steel plate • Stainless clad plate • Lectro-clad nickel plated steel • Fabricated plate parts • Flat wire • Strip • Coal tar derivatives (toluol, xylol, benzol, naphthalene).

Agricultural and Livestock Industry: Barbed wire • Cinch fence stays • Fence posts • Woven wire field fence • Poultry and rabbit fence • V-mesh fence • Poultry netting • Hardware cloth • Bale ties • Coiled baling wire • Nails and staples • Hay stacker rope • Wire strand • Welded wire fabric • Gates • Sliding barn door hardware • Tobacco aprons • Diammonium phosphate (DAP fertilizer).

Hardware-Builder Supply Group: Nails, brads and staples • Clothesline • TV antenna guy wire • Hardware cloth • General purpose fabric • Insect wire screening • Mechanic's wire • Door and gate springs • Stucco netting • Woven wire fence • Ornamental fence • Window sash cord • Flat and round wire,

Manufacturing Industry: Bars • Shapes • Cold rolled high carbon spring steel • Low carbon strip • Wire rods • Woven wire screens • Ingots • Pig Iron • Billets • Round, flat and shaped, low and high carbon wire • Industrial wire cloth • Woven wire process belts • Springs and formed wires • Chain link fence • Wire rope, strand and slings • General purpose fabric • Perforated metals • Hardware cloth • Space cloth • Coke and bituminous coal • Glass reinforcement netting • Carbon and alloy steel plate • Stainless clad plate • Lectro-clad nickel plated steel • Fabricated plate parts • Kargo-Pal containers.

Household and Other: Chain link fence • Ornamental and V-Mesh fence • Clothesline • Gate and door springs • Insect wire screening • Nails, staples and brads • Mechanic's wire • Flat wire • Bituminous coal.

Food Industry: Metal processing belts • Insect wire screening • Industrial screens in carbon steel and nonferrous metals • Stainless clad plate • Flanged and dished heads • Wire springs and formed wires • Overhead conveyor systems.

Gas and Oil Industry: Seamless casing and tubing • Wire rope, strand and slings • Large diameter welded steel pipe • Flanged and dished heads • Carbon and alloy steel plate • Stainless clad plate • Lectro-clad nickel plated steel • Fabricated plate parts • Chain link fence • Structural and reinforcing steel • Merchant bars and shapes • Industrial screens.

Federal, State and Municipal Governments and Exports to Other Countries: Detailed listing has not been made because of the wide diversification of product requirements.

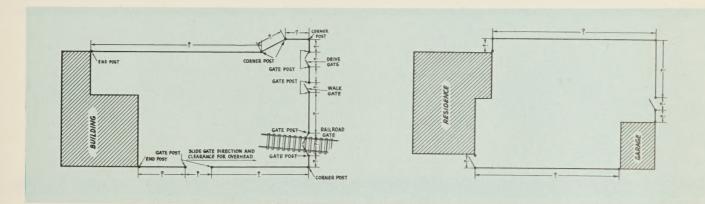


HOW TO ORDER OR REQUEST AN ESTIMATE ON

REALOCK FENCE

In order to give you the benefit of an accurate quotation, or to properly fill an order, the following information is necessary:

- 1 The type number of the fence desired.
- **2** The overall height of the fence, including the height of the barbed wire, where applicable.
- 3 The type of top rail desired (pipe or I-section) if applicable.
- 4 The gauge of wire and size of mesh where choice is given.



- 5 A sketch (as above) showing
 - a. Length of each section of fence.
 - b. Width of opening of each gate, and direction of opening.
 - c. The position of trees, curbs, marshy land, buildings and other obstacles that may affect erection.
 - d. Corner, gate, and end posts needed. (Pull posts are needed wherever the fence encounters an abrupt change of slope or direction, and should be shown as terminal posts.)
- **6** A detailed description of all obstacles shown in 5-c above, and general soil conditions to a depth of 36-in. if other than normal.
- 7 A list of gates needed, with width of openings, the height of clearance and direction of slide on slide gates, the bottom clearance where a permanent obstruction exists, and whether single or double gate is desired.
- **8** Specify barbed or knuckled selvage if other than standard recommended practice.
- **9** Specify I-section terminal posts when desired on types 420-H, 423-H, 425-H, 426-H.
- **10** Describe type of property to be enclosed: home, storage yard, country club, industrial plant, etc.
- 11 List any additional requirements that must be met.

FOR ADDITIONAL COPIES OF THIS FORM CONTACT OUR NEAREST DISTRICT OFFICE.

REQUEST FOR ESTIMATE

This form is for your convenience in requesting further information, and will incur no obligation on your part.

It is recommended that you have the fence erected by the experienced crews which available in most areas. Our estimate will include the cost of such erection by our of	we have
unless otherwise specified.	
Fence Indentification:	1.
Height of fence (including barbed wire if any):	
Top rail (if applicable): I-section, pipe	
Gauge of wire fabric: 6 9 11 Mesh of wire fabric: 2"	13/4"

USE THIS SPACE FOR DIAGRAM OF FENCE REQUIRED. SEE OPPOSITE PAGE FOR SAMPLE DIAGRAM

Description of ob	stacles that may affect erection of the fence:
List of gates need	ed (width, height, style):
Selvage, top:	barbed knuckled
Selvage, bottom	barbed knuckled
Do you want I-see	ction terminal posts (if applicable:
Type of property	to be enclosed:
Additional require	ments:
you would like to	ompleted this form, just send it to the nearest office listed on page 5. If have our representative call upon you to give you assistance in solving ns, just jot down the date you'd like to have him call.
Date to call:	
	Signed:
	Return Address:



REALOCK FENCE DEPARTMENT

BUFFALO • DENVER • OAKLAND

THE COLORADO FUEL AND IRON CORPORATION

